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# ANATOMICAL EXAMINATIONS.

A

COMPLETE SERIES

OF

ANATOMICAL QUESTIONS,

WITH

A N S W E R S.

THE ANSWERS ARRANGED SO AS TO FORM

AN ELEMENTARY SYSTEM OF ANATOMY,

AND INTENDED AS

PREPARATORY TO EXAMINATIONS AT

*SURGEONS'-HALL.*

To which are annexed,

TABLES OF THE BONES, MUSCLES, AND ARTERIES.

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*THE SECOND EDITION,*

CORRECTED.

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IN TWO VOLUMES.

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VOL. I.

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## P R E F A C E.

**A**NATOMY must be learnt in the Dissecting-Room; it is only there, aided by competent Teachers, that the Student can acquire such information in this branch of his studies as will be practically useful to him. But in this pursuit the memory may receive great and important assistance from a short and clear account of the various parts of the Body, to which the Learner may refer when his Teacher is absent, or when alone he meditates on the subject of his labours. His memory may be further most usefully exercised by questions well adapted to the subject; they will lead him to form a just estimate of his acquirements and deficiencies, and this practice will give him a familiarity with examinations, the want of which often embarrasses those, who present themselves before the College of Surgeons.

## PREFACE.

With a view to afford the Anatomical Student this species of assistance, the following Work has been composed.

The FIRST PART contains a complete and systematic Series of Examinations, whose numerical arrangement will render it easy to refer to the respective Answers in the Second Part.

The SECOND PART is an Elementary System of Anatomy, which may be read and consulted without any regard to the numerical references to the First.

ANATOMICAL  
EXAMINATIONS.

PART FIRST.

CONTAINING

*THE QUESTIONS.*

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SECTION I.

OF ANATOMY IN GENERAL.

Question

- 1 **D**EFINe the Science of ANATOMY.
- 2 What is MORBID ANATOMY?
- 3 Define the Science of PHYSIOLOGY.
- 4 What is the general DIVISION of the component Parts of the HUMAN BODY?
- 5 Enumerate the SOLIDS of the Body.
- 6 What are BONES?
- 7 What are CARTILAGES?
- 8 What are LIGAMENTS?
- 9 What are MUSCLES?
- 10 What is the CELLULAR MEMBRANE?
- 11 What are MEMBRANES?

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 Sect. I. OF ANATOMY IN GENERAL.
 

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Quest.

- 12 What are VESSELS?
- 13 What are NERVES?
- 14 What are GLANDS?
- 15 What are VISCERA?
- 16 What is the ADIPOSE SUBSTANCE?
- 17 Enumerate the FLUIDS OF THE HUMAN BODY.
- 18 What is BLOOD?
- 19 What is URINE?
- 20 What is PERSPIRABLE MATTER?
- 21 What is CERUMINOUS MATTER?
- 22 What is SEBACEOUS MATTER?
- 23 What is ANIMAL OIL?
- 24 What is SALIVA?
- 25 What are TEARS?
- 26 What is MUCUS?
- 27 What is BILE?
- 28 What is the GASTRIC JUICE?
- 29 What is the SEMEN?
- 30 What is the SYNOVIA?
- 31 What is the PANCREATIC JUICE?
- 32 By what is MILK secreted?
- 33 What is CRYAL?
- 34 What DIVISIONS does the Science of Anatomy derive from the individual Subjects which it considers?
- 35 Of what does OSTEOLOGY treat?
- 36 Of what does OSTIOGENY treat?
- 37 Of what does SYNDEMOLOGY treat?
- 38 Of what does CHONDROLOGY treat?
- 39 Of what does MYOLOGY treat?

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Sect. II. OF THE BONES IN GENERAL.

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Quest.

- 40 Of what does ADENOLOGY treat?
- 41 Of what does SPLANCHNOLOGY treat?
- 42 Of what does BURSALOGY treat?
- 43 Of what does ANGIOLOGY treat?
- 44 Of what does NEUROLOGY treat?

SECTION II.

OF THE BONES IN GENERAL.

- 1 What is the PERIOSTEUM?
- 2 What is the PERICHONDRIUM?
- 3 What are the USES OF THE PERIOSTEUM?
- 4 What is the PERIOSTEUM INTERNUM?
- 5 What is the USE OF THE PERIOSTEUM INTERNUM?
- 6 What are the general CLASSES of BONES?
- 7 What are the EPIPHYSES of Bones?
- 8 What is the GENERAL STRUCTURE OF EPIPHYSES?
- 9 What are the DIAPHYSES of Bones?
- 10 What is the GENERAL STRUCTURE OF DIAPHYSES INTERNALLY?
- 11 What is the GENERAL STRUCTURE OF DIAPHYSES EXTERNALLY?
- 12 What are the APOPHYSES of Bones?
- 13 How do the APOPHYSES differ from the EPIPHYSES?
- 14 What is the INTIMATE STRUCTURE OF ALL BONES?
- 15 Are not Bones formed in *Fibres and Plates, or Lamellæ*?
- 16 Are Bones *Vascular*?
- 17 Where do their Vessels enter?

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*Sect. II.*      OF THE BONES IN GENERAL.

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Quest.

- 18 What is the best Demonstration of the Vascularity of Bones?
- 19 What is the MEDULLA of Bones?
- 20 How is it secreted?
- 21 Where do the Medullary Arteries of Bones penetrate them?
- 22 What is the USE OF THE MEDULLA?
- 23 What NAMES are given to the different Parts of Bones?
- 24 What are FORAMINA?
- 25 What are CANALS?
- 26 What are SINUSES?
- 27 What are SINUOSITIES?
- 28 What are FURROWS in Bones?
- 29 What are NOTCHES?
- 30 What are FOSSÆ?
- 31 What are PITS?
- 32 What are GLENOID CAVITIES?
- 33 What are COTYLOID CAVITIES?
- 34 What are the TUBERCLES of Bones?
- 35 What are TUBEROSITIES?
- 36 What are SPINES?
- 37 What are HEADS?
- 38 What are NECKS?
- 39 What are PROCESSES?

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*Sect. III. OF ARTICULATION IN GENERAL.*

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SECTION III.

OF ARTICULATION IN GENERAL.

Quest.

- 1 What is the ARTICULATION of Bones?
- 2 What are the GENERAL CLASSES OF ARTICULATION?
- 3 What is SYMPHYSIS?
- 4 What is SYNARTHROSIS?
- 5 What is DIARTHROSIS?
- 6 What are the GENERA, or SUBDIVISIONS OF SYMPHYSIS?
- 7 What are the GENERA OF SYNARTHROSIS?
- 8 What are the GENERA OF DIARTHROSIS?
- 9 What is SYNOSTOSIS?
- 10 What is SYNDESMOSIS?
- 11 What is SYNCHONDROSIS?
- 12 What is SYSSARCOSIS?
- 13 What is SYNEUROSIS?
- 14 What is SUTURE?
- 15 What is HARMONIA?
- 16 What is SCHINDYLESIS?
- 17 What is GOMPHOSIS?
- 18 What is ENARTHROSIS?
- 19 What is ARTHODIA?
- 20 What is AMPHIARTHROSIS?
- 21 What is GINGLYMUS?
- 22 What are the DIFFERENT SPECIES OF GINGLYMUS?
- 23 What is the GINGLYMUS SIMPLEX?
- 24 What is the GINGLYMUS COMPOSITUS?
- 25 What is the GINGLYMUS TROCHOIDES?

## Sect. IV.

## OF OSTEOGENY.

## SECTION IV.

## OF OSTEOGENY.

Quest.

- 1 What is the Name of that Division of Anatomy which treats of the growth of Bones?
- 2 How are Bones formed?
- 3 What are the CONSTITUENT PARTS of Bones?
- 4 What are the PHENOMENA OF OSSIFICATION?
- 5 How does Ossification take place in the DIAPHYSES of long Bones?
- 6 How does Ossification take place in the EPIPHYSES of long Bones?
- 7 How does Ossification take place in the BONES OF THE CRANIUM?
- 8 What Bones are perfectly formed at Birth?
- 9 What <sup>part of</sup> Bones are latest of being ossified?
- 10 When does *Ossification in the Epiphyses terminate*?
- 11 At what Period are the *Epiphyses united to the Diaphyses*?

## SECTION V.

## OF THE HEAD AND ITS SUTURES.

- 1 How are the Bones of the Head DIVIDED?
- 2 What is the GENERAL STRUCTURE of the Bones of the Cranium?
- 3 Which of its TABLES is the thickest?
- 4 What is the DIPLOE of the Cranium?



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*Sect. V. OF THE HEAD AND ITS SUTURES.*

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Quest.

- 5 What is the Name of the Membrane covering the Cranium?
- 6 What is the STRUCTURE of the Bones of the Face?
- 7 Enumerate the Bones of the Cranium.
- 8 What Bones are proper to the Cranium?
- 9 What Bones are common to the Cranium and Face?
- 10 What Bones are proper to the Face?
- 11 What is the SITUATION of the Os FRONTIS?
- 12 What is the Situation of the OSSA PARIETALIA?
- 13 What is the Situation of the OSSA TEMPORUM?
- 14 What is the Situation of the Os OCCIPITIS?
- 15 What is the Situation of the Os SPHENOIDES?
- 16 What is the Situation of the Os ETHMOIDES?
- 17 What is the Situation of the OSSA NASI?
- 18 What is the Situation of the OSSA LACHRYMALIA?
- 19 What is the Situation of the OSSA MALARUM?
- 20 What is the Situation of the OSSA MAXILLARIA SUPERIORA?
- 21 What is the Situation of the OSSA PALATI?
- 22 What is the Situation of the OSSA TURBINATA INFERIORA?
- 23 What is the Situation of the VOMER?
- 24 What are the SUTURES of the Cranium?
- 25 What SUTURES connect the Bones of the Cranium and Face?
- 26 What are the HARMONIÆ of the Face?
- 27 Describe the CORONAL SUTURE.
- 28 Describe the SAGITTAL SUTURE.
- 29 Describe the LAMBDOIDAL SUTURE.

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*Sect. VI. OF THE BONES OF THE HEAD.*

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Quest.

- 30 Describe the SQUAMOUS SUTURES.
- 31 What are the ADDITAMENTA SUTURÆ LAMBDOIDALIS?
- 32 What are the ADDITAMENTA SUTURÆ SQUAMOSÆ?
- 33 Describe the SPHENOIDAL SUTURE.
- 34 Describe the ETHMOIDAL SUTURE.
- 35 Describe the TRANSVERSE SUTURE.
- 36 Describe the ZYGOMATIC SUTURE.
- 37 Describe the PERPENDICULAR NASAL HARMONIA.
- 38 Describe the LATERAL NASAL HARMONIÆ.
- 39 Describe the LACHRYMAL HARMONIÆ.
- 40 Describe the TRANSVERSE NASAL HARMONIÆ.
- 41 Describe the EXTERNAL ORBITAL HARMONIÆ.
- 42 Describe the INTERNAL ORBITAL HARMONIÆ.
- 43 Describe the MYSTACHIAL HARMONIA.
- 44 Describe the TRANSVERSE PALATINE HARMONIA.
- 45 Describe the LONGITUDINAL PALATINE HARMONIA.
- 46 Describe the MAXILLO-PALATINE HARMONIÆ.
- 47 What Bones of the Face does SCHINDYLESIS connect?
- 48 What Bones of the Face does GOMPHOSIS connect?

SECTION VI.

OF THE BONES OF THE HEAD.

OS FRONTIS.

- 1 What is the SITUATION of the Os Frontis?
- 2 How is the Os Fron'is DIVIDED?
- 3 What is the SITUATION and GENERAL FORM of its  
FRONTAL PORTION?

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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

- 4 What is the SITUATION and GENERAL FORM of its FACIAL PORTION?
- 5 What are the ELEVATIONS of the Os Frontis?
- 6 What Muscles are attached to its *Internal Angular Processes*?
- 7 What are attached to its *Temporal Ridges*?
- 8 What is attached to its *Spine*?
- 9 What are situated above its *Orbital Plates*?
- 10 What are the DEPRESSIONS of the Os Frontis?
- 11 What are situated in its *Lachrymal Depressions*?
- 12 What is situated in its *Ethmoidal Fissure*?
- 13 What are situated in its *Temporal Depressions*?
- 14 What is situated in the Furrow of its *Spine*?
- 15 What are the FORAMINA of the Os Frontis?
- 16 What is transmitted through its *Superciliary Foramen*?
- 17 What is transmitted occasionally through the *Foramen* called *Cæcum*?
- 18 What is fixed in the *Foramen Cæcum*?
- 19 What is the FÆTAL STATE of this Bone?
- 20 What are the CONNECTIONS of this Bone?
- 21 What are the USES of this Bone?

OS PARIETALE.

- 22 What is the SITUATION of the Os Parietale?
- 23 What is its GENERAL FORM?
- 24 What are the NAMES of its SIDES?
- 25 What are the NAMES of its ANGLES?
- 26 What are the ELEVATIONS of the Os Parietale?
- 27 What is attached to its *Temporal Ridge*?

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*Sect. VI. OF THE BONES OF THE HEAD.*

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Quest.

- 28 How do you distinguish the Bone of one Side from that of the other?
- 29 What are the DEPRESSIONS of the Os Parietale?
- 30 What is situated in the *Furrow* on the Inside of its upper Edge?
- 31 What is situated in the *Furrow* on the Inside of its inferior posterior Angle?
- 32 What is situated in the *Furrow* on the Inside of its anterior inferior Angle?
- 33 What is contained in the *Pits*, frequently seen on its internal Surface?
- 34 What are the FORAMINA of the Os Parietale?
- 35 What does its FORAMEN transmit?
- 36 What is the FÆTAL STATE of this Bone?
- 37 What are the CONNECTIONS of this Bone?
- 38 What are the USIS of this Bone?

*OS TEMPORIS.*

- 39 What is the SITUATION of the Os Temporis?
- 40 How is the Os Temporis DIVIDED?
- 41 What is the SITUATION and GENERAL FORM of its SQUAMOUS PORTION?
- 42 What is the SITUATION and GENERAL FORM of its MAMMILLARY PORTION?
- 43 What is the SITUATION and GENERAL FORM of its PETROUS PORTION?
- 44 What are the ELEVATIONS of the Os TEMPORIS?
- 45 What is the internal Structure of its *Mammillary Process*?
- 46 What Muscles are attached to that *Process*?

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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

- 47 What is attached to the upper edge of the *Zygomatic Process* ?
- 48 What is attached to the lower Edge of that *Process* ?
- 49 What passes under that *Process* ?
- 50 What is the Use of the *Tubercle* situated at its base ?
- 51 What is attached to the *Styloid Process* ?
- 52 What is attached to the *Auditory Process* ?
- 53 What is attached to the Edge of its *Petrous Portion* ?
- 54 What are the DEPRESSIONS of the Os Temporis ?
- 55 What is situated in the *Articular Cavity* of the Bone ?
- 56 What passes through the *Fissura Glasseri* ?
- 57 To what does the Groove behind the *Mastoid Process* give Attachment ?
- 58 What does the *Jugular Foramen* transmit ?
- 59 What is lodged in its *Temporal Depression* ?
- 60 What is situated in the *Furrow* on the inside of its Mammillary Portion ?
- 61 What is situated in the *Furrows* at the upper and lower Edges of the Posterior Surface of its Petrous Portion ?
- 62 What are the FORAMINA of the Os Temporis ?
- 63 What passes through the *Stylo-Mastoid Foramen* ?
- 64 What does the *Canalis Carotideus* transmit ?
- 65 What does the *Foramen Mastoideum* transmit ?
- 66 What does the *Meatus Auditorius Internus* transmit ?
- 67 What is transmitted by the *Fallopian Aqueduct* ?
- 68 What does the small *Foramen* on the superior Surface of the Petrous Portion transmit ?
- 69 What is the FÆTAL STATE of this Bone ?
- 70 What are the CONNECTIONS of this Bone ?

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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

71 What are the Uses of this Bone?

OS OCCIPITIS.

72 What is the SITUATION of the Os Occipitis?

73 What is its GENERAL FORM?

74 What are the ELEVATIONS of the Os Occipitis?

75 With what are its *Condyles* connected?

76 What Muscles are fixed to the *Protuberances* external to the Condyles?

77 What is fixed to the *Anterior Edge* of the great Foramen?

78 What is fixed to its *Posterior Edge*?

79 What is fixed to its *Superior Transverse Ridge* and *Spine*?

80 What is fixed to its *Inferior Transverse Ridge*?

81 What is fixed to the *Upper Portion* of its internal Crucial Ridge?

82 What is fixed to the *Lateral Portions* of its internal Crucial Ridge?

83 What is fixed to its *Inferior Portion*?

84 What are the DEPRESSIONS of the Os Occipitis?

85 What is fixed to the *Hollow* between the two external Transverse Ridges?

86 What is fixed to the *Depression* below its inferior external Transverse Ridge?

87 What do the *Semilunar Depressions* external to the Condyles contribute to form?

88 What is fixed to the small *Depressions* before the Condyles?

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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

- 89 What are fixed to the small *Depressions* anterior to the last?
- 90 What is situated in the *Furrow* of the Upper Portion of its internal Crucial Ridge?
- 91 What are situated in the *Furrows* of the Lateral Portions of its internal Crucial Ridge?
- 92 What is situated in the *Furrow* of the Inferior Portion of its internal Crucial Ridge?
- 93 What are situated in the great *Depressions* above the Lateral Portions of its internal Crucial Ridge?
- 94 What are situated in the great *Depressions* below the Lateral Portions of its internal Crucial Ridge?
- 95 What are situated in the *Furrows* immediately before these inferior *Depressions*?
- 96 What is situated in the great *Depressions* of the Superior Surface of the Cuneiform Process?
- 97 What are situated in the small *Furrows* on each Side of that great Depression?
- 98 What are the FORAMINA of the Os Occipitis?
- 99 What does the *Foramen Magnum* transmit?
- 100 What does the *Foramen Condylloideum Posterius* transmit?
- 101 What does the *Foramen Condylloideum Anterius* transmit?
- 102 What is the FŒTAL STATE of this Bone?
- 103 What are the CONNECTIONS of this Bone?
- 104 What are the USES of this Bone?

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Sect. VI. OF THE BONES OF THE HEAD.

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## OS SPHENOIDES.

Quest.

- 105 What is the SITUATION of the Os Sphenoides?
- 106 What are its GENERAL DIVISIONS?
- 107 What are the ELEVATIONS of the Os Sphenoides?
- 108 What is attached to its *Processus Azygos*?
- 109 What is attached to the internal Side of its *External Pterygoid Plate*?
- 110 What passes over the *Hook-like Process* of its internal Pterygoid Plate?
- 111 What are the DEPRESSIONS of the Os Sphenoides?
- 112 What are the *Depressions* on each Side of the *Processus Azygos*?
- 113 What is situated in the *Sella Turcica*?
- 114 What are situated in the *Furrows* at its sides?
- 115 What is situated in its *Temporal Depression*?
- 116 What passes in the *Furrow* on the anterior Edge of its Temporal Depression?
- 117 What is placed in the *Depression* between the Temporal and the Pterygoid Processes of the Bone?
- 118 What rests upon the *Internal Cavity* of each *Ala*?
- 119 What passes in the *Furrow* internal to the Base of the Pterygoid Portion of the Bone?
- 120 What is situated in the *Cavity* behind the Base of the Internal Pterygoid Process?
- 121 What is situated in the *Fossa Pterygoidea*?
- 122 What are the FORAMINA of the Os Sphenoides?
- 123 What are the Uses of the *Sphenoidal Sinuses*?
- 124 What do the *Foramina Optica* transmit?
- 125 What do the *Foramina Lacera* transmit?



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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

- 126 What do the *Foramina Rotunda* transmit?
- 127 What do the *Foramina Ovalia* transmit?
- 128 What do the *Foramina Spinosa* transmit?
- 129 What do the *Foramina Vidiani* transmit?
- 130 What is the FÆTAL STATE of this Bone?
- 131 What are its CONNECTIONS?
- 132 What are its USES?

OS ETHMOIDES.

- 133 What is the SITUATION of the Os Ethmoides?
- 134 What is the GENERAL FORM of that Bone?
- 135 Of what PORTIONS does it consist?
- 136 What is the *Situation* of each of these Portions?
- 137 What is the Name of the *Process* which rises from the Cribriform Lamella? and to what does it give attachment?
- 138 What are the *Foramina* of the Cribriform Lamella? and what do they transmit?
- 139 What are the *Foramina* of the Ossa Turbinata Superiora? and what do they transmit?
- 140 What are the *Foramina* of the Ossa Plana? and what do they transmit?
- 141 What are the CONNECTIONS of the Os Ethmoides?
- 142 What is the FÆTAL STATE of that Bone?
- 143 What are its USES?

OS NASI.

- 144 What is the SITUATION of the Os Nasi?
- 145 What is the FORM of this Bone?

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 Sect. VI. OF THE BONES OF THE HEAD.
 

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Quest.

146 What are its CONNECTIONS?

147 What is its FÆTAL STATE?

148 What is its USE?

OS LACHRYMALE.

149 What is the SITUATION of the Os Lachrymale?

150 What is the FORM of this Bone?

151 What is situated in its *Groove*?

152 What rests upon its *Flat Surface*?

153 What *Cavities* do its inner Surfaces cover?

154 What are its CONNECTIONS?

155 What is its FÆTAL STATE?

156 What is its USE?

OS MALÆ.

157 What is the SITUATION of the Os Malæ?

158 What is the GENERAL FORM of this Bone?

159 What are the ELEVATIONS of the Os Malæ?

160 What Muscles arise from the outside of the *Zygomatic Process*?

161 What is attached to the *Edge* of the Bone between the Zygomatic and Superior Orbital Process?

162 What are its DEPRESSIONS?

163 What are lodged in these *Depressions*?

164 What are its FORAMINA?

165 What does the *Foramina* transmit?

166 What is the FÆTAL STATE of this Bone?

167 What are its CONNECTIONS?

168 What are its USES?

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Sect. VI. OF THE BONES OF THE HEAD.

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OS MAXILLARE SUPERIUS.

Quest.

- 169 What is the situation of the Os Maxillare-Superius?
- 170 What is the general *form* of this Bone?
- 171 What are the *Elevations* of the Os Maxillare Superius?
- 172 What are contained in the *holes* of the *Alveolar Processes*?
- 173 What is the *use* of the *Palatine Process*?
- 174 What is fixed to the *Spinous Process*?
- 175 What rests in the groove on the outer side of the *Nasal Process*?
- 176 To what muscle does the posterior part of the *Bulbous Process* give origin?
- 177 From what part of the *Orbital Process* does the *Obliquus Inferior Oculi* arise?
- 178 What are the *Depressions* of the Os Maxillare Superius?
- 179 What Muscle is attached to the *small Depression* on the anterior part of the *Alveolar Process*?
- 180 What Muscle is attached to the *Depression* between the *Alveolar* and *Malar Processes*?
- 181 What is situated in the *Temporal Depression*?
- 182 What are the *Foramina* of the Os Maxillare Superius?
- 183 What does the *Infra Orbital Foramen* transmit?
- 184 What does the *Foramen Incisivum* transmit?
- 185 What does the *Spheno Maxillary Fissure* transmit?
- 186 What does the *Palatine Foramen* transmit?
- 187 What is the *Fatal State* of this Bone?
- 188 What are its *connections*?
- 189 What are its *uses*?

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 Sect. VI. OF THE BONES OF THE HEAD.
 

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## OS PALATI.

Quest.

- 190 What is the *situation* of the Os Palati?
- 191 What are its *general Divisions*?
- 192 What is the situation of its *Palatine Process*?
- 193 What is the situation of its *Nasal Lamella*?
- 194 What is the situation of its *Pterygoid Process*?
- 195 What is the situation of its *Orbital Processes*?
- 196 What are the *Elevations* of the Os Palati?
- 197 What is attached to the *upper edge of the Spinous Process* of the Os Palati?
- 198 What is attached to the *posterior end of the Spinous Process*?
- 199 What is attached to the *Posterior Semicircular Edge* of the Palatine Portion?
- 200 What is attached to the *Transverse Ridge* on the inside of the Nasal Lamella?
- 201 What are the *Depressions* of the Os Palati?
- 202 What are the *Foramina* of the Os Palati?
- 203 What is the *Fetal State* of the Os Palati?
- 204 What are the *connections* of the Os Palati?
- 205 What are the *uses* of the Os Palati?

## OS TURBINATUM INFERIORUS.

- 206 What is the *situation* of the Inferior Turbinated Bone?
- 207 What is the *form* of the Inferior Turbinated Bone?
- 208 What is its *Fatal State*?
- 209 What are its *connections*?
- 210 What are its *uses*?

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Sect. VI. OF THE BONES OF THE HEAD.

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VOMER.

Quest.

211 What is the *situation* of the Vomer?

212 What is the *form* of the Vomer?

213 What is its *Fatal State*?

214 What are its *connections*?

215 What are its *uses*?

OS MAXILLARE INFERIUS.

216 What is the *situation* of the Maxilla Inferior?

217 What are its *general Divisions*?

218 What are the *Elevations* of the Maxilla Inferior?

219 What is attached to its *Coronoid Processes*?

220 What is attached to the *outer sides of its angles*?

221 What is attached to the *inner sides of its angles*?

222 What is attached to *the line* which passes internally from the base of the Coronoid Process to the commencement of the Chin?

223 What is attached to *the line* which passes externally from the base of the Coronoid Process to the commencement of the Chin?

224 What is attached to the *Protuberance* immediately behind the Symphysis of the Jaw?

225 What is attached to the *Projections* on the anterior part of the base of the Chin?

226 What are the *Depressions* of the Maxilla Inferior?

227 What is fixed to the *Depression* before the Condylod Process of the Jaw?

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 Sect. VI. OF THE BONES OF THE HEAD.
 

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Quest.

- 228 What is attached to the *Depressions upon the anterior surface of the Chin.*
- 229 What is attached to the *Depressions on the base of the Chin?*
- 230 What are the *Foramina* of the Maxilla Inferior?
- 231 What do the *Foramina* of the lower Jaw *transmit?*
- 232 What passes through the *small Canal* which descends on the inner side of the Posterior Foramen?
- 233 What is the *Fatal State* of the Maxilla Inferior?
- 234 What are its *connections?*
- 235 What are its *uses?*

### THE TEETH.

- 236 What is the *number* of the Teeth in the Adult?
- 237 What is the *situation* of the Teeth?
- 238 Of what *substances* are the Teeth composed?
- 239 Upon what part of the Teeth is the *Enamel* thickest?
- 240 How are the *Fibres of the Enamel* arranged?
- 241 How are the *Fibres of the Bony* part of the Teeth arranged?
- 242 Into what portions is each Tooth divided?
- 243 Where are the *Canals* of the Teeth situated?
- 244 What passes through the Canals of the Teeth?
- 245 Into what *classes* are the Teeth divided?
- 246 What is the *number* of the *Incisores?*
- 247 What is the *form* of the *Incisores?*
- 248 Which of the *upper Incisores* are largest?
- 249 Which of the *lower Incisores* are largest?
- 250 What is the *situation* of the *Canini?*

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Sect. VI. OF THE BONES OF THE HEAD.

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Quest.

- 251 What is the *number* of the *Canini* ?
- 252 What is the *form* of the *Canini* ?
- 253 What is the *situation* of the *Molares* ?
- 254 What is the *number* of the *Molares* ?
- 255 Which of the *Molares* have been termed *Bicuspidēs* ?
- 256 What is the *form* of the *Bicuspidēs* ?
- 257 Which of the *Molares* have been termed *Dentes Sapiientiæ* ?
- 258 What is the *form* of the *Dentes Sapiientiæ* ?
- 259 What is the *form* of the *third* and *fourth Molares* ?
- 260 How do the *Teeth* begin to be formed ?
- 261 When are the *Pulps of the Teeth* first discernible ?
- 262 What is the *appearance of the Pulps* of the *Teeth* ?
- 263 How are the *Pulps* of the *Teeth* invested ?
- 264 Into what *layers* are the *Membranes* of the *Pulps* of the *Teeth* divisible ?
- 265 What is situated between the *Capsule* and the *Pulp* of the *Teeth* ?
- 266 When does *Ossification* commence on the *Pulps* of the *Teeth* ?
- 267 In what manner does *Ossification* commence on the *Pulps* of the *Teeth* ?
- 268 To what part of the *Teeth* are their *Capsules* connected ?
- 269 What is *secreted* by the *Capsules* of the *Teeth* ?
- 270 How *many Teeth* compose the *first set* ?
- 271 Of what *kinds* does the *first set* of *Teeth* consist ?
- 272 About what time do the *Teeth* begin to *appear through the Gums* ?

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*Sect. VII. OF THE BONES OF THE TRUNK.*

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Quest.

- 273 When do the Teeth *begin* to be *shed* ?  
 274 When are the Teeth *completely shed* ?  
 275 What is the *immediate cause* of the *shedding* of the  
       Teeth ?  
 276 What are the *connections* of the Teeth ?  
 277 What are the *uses* of the Teeth ?

OS HYOIDES.

- 278 What is the *situation* of the Os Hyoides ?  
 279 Into what parts is the Os Hyoides *divided* ?  
 280 What is the *form of the body* of the Os Hyoides ?  
 281 What *Muscles, Ligaments, and Membranes*, are at-  
       tached to the *body* of the Os Hyoides ?  
 282 What is the *situation of the Cornua* of the Os Hyoides ?  
 283 What is the *form of the Cornua* of the Os Hyoides ?  
 284 What *Muscles, Ligaments, and Membranes*, are at-  
       tached to the *Cornua* of the Os Hyoides ?  
 285 What is the *situation* of the *Appendices* of the Os  
       Hyoides ?  
 286 What is fixed to the *Appendices* of the Os Hyoides ?  
 287 What is the *Fatal State* of the Os Hyoides ?  
 288 What are the *connections* of the Os Hyoides ?  
 289 What are the *uses* of the Os Hyoides ?

SECTION VII.

OF THE BONES OF THE TRUNK.

- 1 Into what *parts* are the *Bones of the Trunk* divided ?



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Sect. VII. OF THE BONES OF THE TRUNK.

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BONES OF THE SPINE.

VERTEBRÆ.

Quest.

- 2 What is the *situation* of the Spine?
- 3 What is the *general form* of the Spine?
- 4 What is the *general Division* of the Spine?
- 5 How many are the *true Vertebrae* in number?
- 6 Into what *classes* are the true Vertebrae divided?
- 7 Of what parts do the *Vertebrae* in general consist?
- 8 What is the *situation* and *form* of the *bodies* of the Vertebrae.
- 9 How many *processes* do the Vertebrae in general possess?
- 10 What are the *names* of the Vertebral processes?
- 11 Where is the ring of the Vertebrae situated?
- 12 What do the *rings of the Vertebrae* when connected form?
- 13 Where are the *Oblique* or *Articular Processes* of the Vertebrae situated?
- 14 Where are the *Transverse Processes* of the Vertebrae situated?
- 15 Where are the *Spinous Processes* of the Vertebrae situated?
- 16 Where are the *Notches* of the Vertebrae situated?
- 17 What is the *use* of the *Notches* of the Vertebrae?
- 18 What is the *internal structure* of the Vertebrae?
- 19 How are the Vertebrae *connected*?

CERVICAL VERTEBRÆ.

- 20 What is the *peculiar form* of the bodies of the *Cervical Vertebrae* in general?

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Sect. VII. OF THE HEAD OF THE TRUNK.

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Quest.

- 21 How do the *Spinous Processes* of the Cervical Vertebrae in general differ from the rest?
- 22 How do the *Transverse Processes* of the Cervical Vertebrae in general differ from the rest?
- 23 How do the *Oblique Processes* of the Cervical Vertebrae in general differ from the rest?

ATLAS.

- 24 What is the name of the *first Vertebra*?
- 25 What parts common to the other Vertebrae are wanting in the Atlas?
- 26 How does the *ring* of the Atlas differ from those of the rest?
- 27 What is the name of the *anterior* and *posterior* parts of the Atlas?
- 28 To what *part of the Atlas* is the tooth-like Process of the second Vertebra fixed?
- 29 How do the *Transverse Processes* of the Atlas differ from those of the rest?
- 30 How do the *Superior Articular Processes* of the Atlas differ from those of the rest?
- 31 How do the *Inferior Articular Processes* of the Atlas differ from those of the rest?
- 32 What is seen immediately *behind* the *Superior Articular Processes* of the Atlas?
- 33 To what part of the Atlas is the *Transverse Ligament* of the tooth-like Process fixed?
- 34 To what part of the Atlas are the *lateral Ligaments* of the tooth-like Process partly fixed?

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Sect. VII. OF THE BONES OF THE TRUNK.

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VERTEBRA DENTATA.

Quest.

- 35 What is the name of the *second Cervical Vertebra* ?
- 36 How does the *body of the Dentata* differ from those of the rest ?
- 37 Where is the *tooth-like Process* marked by the situation of its *Transverse Ligament* ?
- 38 From what part of the *tooth-like Process* does the *perpendicular Ligament* rise ?
- 39 From what part of the *tooth-like Process* do the *lateral Ligaments* rise ?
- 40 How does the *Spinous Process* of the *Vertebra Dentata* differ from those of the rest ?
- 41 How do the *Transverse Processes* of the *Vertebra Dentata* differ from those of the rest ?
- 42 How do the *Superior Articular Processes* of the *Vertebra Dentata* differ from those of the rest ?

LAST CERVICAL VERTEBRA.

- 43 How does the *body* of the *last Cervical Vertebra* differ from those of the rest ?
- 44 How does the *Spinous Process* of the *last Cervical Vertebra* differ from those of the rest ?
- 45 How do the *Transverse Processes* of the *last Cervical Vertebra* differ from those of the rest ?

DORSAL VERTEBRÆ.

- 46 What is peculiar to the *Bodies* of the *Dorsal Vertebrae* in general ?

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 Sect. VII. OF THE BONES OF THE TRUNK.
 

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Quest.

- 47 How do the *Spinous Processes* of the Dorsal Vertebrae differ from those of the rest?
- 48 How do the *Articular Processes* of the Dorsal Vertebrae differ from those of the rest?
- 49 How do the *Transverse Processes* of the Dorsal Vertebrae differ from those of the rest?
- 50 How do the great *Foramina* of the Dorsal Vertebrae differ from those of the rest?
- 51 How are the *four first* Dorsal Vertebrae distinguished from the rest of the same class?
- 52 How are the *two last* Dorsal Vertebrae distinguished from the rest of the same class?

LUMBAR VERTEBRÆ.

- 53 How are the *Bodies* of the Lumbar Vertebrae distinguished from those of the rest?
- 54 How are the *Spinous Processes* of the Lumbar Vertebrae distinguished from those of the rest?
- 55 How are the *Transverse Processes* of the Lumbar Vertebrae distinguished from those of the rest?
- 56 How are the *Articular Processes* of the Lumbar Vertebrae distinguished from those of the rest?
- 57 What is the *shape* of the great *Foramina* of the Lumbar Vertebrae.

OS SACRUM.

- 58 What is the *situation* of the Os Sacrum?
- 59 What is the *form* of the Os Sacrum?

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Sect. VII. OF THE BONES OF THE TRUNK.

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Quest.

- 60 Of how *many portions* does the Os Sacrum consist in the Fœtus?
- 61 Where is the *Canal* of the Os Sacrum situated?
- 62 What is the *form* of the Canal of the Os Sacrum?
- 63 How *many Foramina* open from the Canal of the Os Sacrum *anteriorly*?
- 64 How *many Foramina* open from the Canal of the Os Sacrum *posteriorly*?
- 65 What do the *Anterior Foramina* of the Os Sacrum transmit?
- 66 How many *Articular Processes* has the Os Sacrum?
- 67 What is the *form* of the *lateral parts* of the Os Sacrum?
- 68 What *Articular Surfaces* are seen on the lateral parts of the Os Sacrum?
- 69 What are the *connections* of the Os Sacrum?

OS COCCYGIS.

- 70 What is the *situation* of the Os Coccygis?
- 71 What is the *form* of the Os Coccygis?
- 72 Of how *many portions* does the Os Coccygis consist?
- 73 Where are the *Shoulders* of the Os Coccygis situated?

BONES OF THE THORAX.

- 74 By what Bones is the Thorax formed?

RIBS.

- 75 What is the *situation* of the Ribs?
- 76 What is the *general form* of the Ribs?

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Sect. VII. OF THE BONES OF THE TRUNK.

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Quest.

- 77 What is the *number* of the Ribs?
- 78 Into what *classes* are the Ribs generally divided?
- 79 What is the *number* of each *class*?
- 80 Into what *parts* is each Rib divided?
- 81 What is the situation of the *Head* of the Rib?
- 82 Where is the *Neck* of the Rib?
- 83 Where is the *Tubercle* of the Rib situated?
- 84 Where is the *Angle* of the Rib situated?
- 85 Which is the *rounded Edge* of the Rib?
- 86 How is the *inferior Edge* of the Rib sharpened?
- 87 What is situated in the *Groove* on the inner side of the inferior Edge of the Rib?
- 88 Why is the *Groove* of the inferior Edge of the Rib most strongly marked in the middle?
- 89 How is the *Head* of the Rib marked?
- 90 How is the *Tubercle* of the Rib marked?
- 91 To what is the *Tubercle* of the Rib connected?
- 92 At what distance is the *Angle* from the *Tubercle* of each Rib?
- 93 What is the *form* of the *anterior End* of the Ribs?
- 94 Which of the Ribs is the *longest*?
- 95 What is the *relative Elevation* of the ends of the Ribs?
- 96 Whether is the anterior or posterior Parts of the Ribs most *crooked*?
- 97 Which of the Ribs is *most contorted*?
- 98 How do the *anterior Extremities* of the *false Ribs* differ from those of the *true*?
- 99 How does the *first Rib* differ from the rest?

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*Sect. VII. OF THE BONES OF THE TRUNK.*

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Quest.

- 100 How do the *eleventh* and *twelfth* Ribs differ from the rest?
- 101 Which of the Ribs has the *shortest Cartilages*?
- 102 Which of the Ribs has the *longest Cartilages*?
- 103 What is the *direction of the Cartilages* of the Ribs?
- 104 How many of the Ribs are *directly connected* to the Sternum?
- 105 How many of the Ribs are connected by their Cartilages *merely* to the *Cartilages of others*?
- 106 How many of the Ribs are *unconnected* by their Cartilages either to the Sternum or to other Cartilages?

STERNUM.

- 107 What is the *situation* of the Sternum?
- 108 What is the *form* of the Sternum?
- 109 Of what *portions* does the Sternum consist?
- 110 What is the *form* of the *upper portion* of the Sternum?
- 111 By what is the *superior Edge* of the upper portion of the Sternum hollowed?
- 112 By what are the *superior angles* of the Sternum depressed?
- 113 How many *Depressions* are seen on the sides of the upper portion of the Sternum?
- 114 What is the *form* of the *second portion* of the Sternum?
- 115 What is attached to the *outside* of the *middle portion* of the Sternum?
- 116 What is attached to the *inside* of the *middle portion* of the Sternum?

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Sect. VII. OF THE BONES OF THE TRUNK.

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Quest.

- 117 How many *Depressions* are seen on the *sides* of the *middle portion* of the Sternum?
- 118 How are the *Depressions* of the *Edges* of the *middle portion* of the Sternum caused?
- 119 What is the *form* of the *third portion* of the Sternum?
- 120 What *Depressions* are on the *sides* of the *third portion* of the Sternum?
- 121 What is the *structure* of the Sternum?

### BONES OF THE PELVIS.

- 122 What is the *situation* of the Pelvis?
- 123 What is the *form* of the Pelvis?
- 124 Of what *Bones* does the Pelvis *consist*?
- 125 How are the *Ossa Innominata* subdivided?

### OS ILIUM.

- 126 What is the *situation* of the Os Ilium?
- 127 What is the *general form* of the Os Ilium?
- 128 Into what parts is the *Os Ilium* generally divided?
- 129 Where is the *Crista* of the Os Ilium situated?
- 130 What are the *Edges of the Crista* of the Ilium called?
- 131 What are the *anterior* and *posterior Extremities* of the *Crista* of the Ilium called?
- 132 What is attached to the *Anterior Superior Spinous Process* of the Os Ilium?
- 133 Where are the *Anterior Inferior* and *Posterior Inferior Spinous Processes* of the Os Ilium situated?
- 134 What *parts* of the Ilium are *thickest*?



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*Sect. VII. OF THE BONES OF THE TRUNK.*

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Quest.

- 135 To form what *Notch* does the Ilium *posteriorly* contribute?
- 136 To form what *Cavity* does the *outside* of the base of the Ilium contribute?
- 137 How much does the *Ilium* contribute to the *Acetabulum*?
- 138 What *Muscles* are attached to the outer Labium of the Ilium?
- 139 What Muscles are attached to the line extending, on the Dorsum of the Ilium, from its Anterior Superior Spinous Process, to the Sciatic Notch?
- 140 What *Muscle* is attached to the semicircular ridge immediately above the Acetabulum?
- 141 What *Muscle* is situated in the hollow of the inner side of the Ilium?
- 142 What is the appearance of the posterior part of the inner side of the Ilium?
- 143 What part of the Ilium distinguishes the Cavity of the Pelvis from that of the Abdomen?

*OS ISCHIUM.*

- 144 What is the *situation* of the Os Ischium?
- 145 Into what parts is the Os Ischium *divided*?
- 146 Where is the *Spine* of the Ischium situated?
- 147 What is *attached to the Spine* of the Ischium?
- 148 Where is the *Tuberosity* of the Ischium situated?
- 149 What *Muscles* arise from the Tuberosity of the Ischium?

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 Sect. VII. OF THE BONES OF THE TRUNK.
 

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Quest.

150 What is the *situation* of the Ramus of the Ischium?

151 What are the *Notches* of the Os Ischium?

OS PUBIS.

152 What is the *situation* of the Os Pubis?

153 Into what *parts* is the Os Pubis *divided*?

154 What is the *situation* of the *Body* of the Os Pubis?

155 How *much* does the Os Pubis *contribute* to the *Acetabulum*?

156 Where does the Os Pubis mark the *limits of the Pelvis*?

157 Where is the *Spine* of the Os Pubis situated?

158 What is *attached to the Spine* of the Os Pubis?

159 To what *Foramen* does the Os Pubis *contribute*?

160 Where is the *Angle* of the Os Pubis situated?

161 Where is the *Ramus* of the Os Pubis situated?

ACETABULUM.

162 How is the *Acetabulum* *formed*?

163 What part of the *Edge* of the Acetabulum is most *prominent*?

164 What *portion* of the Acetabulum is *without Cartilage*?

165 What is *situated* in the portion of the Acetabulum which is uncovered by Cartilage?

166 Where is the *Notch* of the Acetabulum situated?

167 What is the *use* of the *Notch* of the Acetabulum?

168 What are the *connections* of the Os *Innominatum*?

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Sect. VIII. BONES OF THE UPPER EXTREMITIES.

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SECTION VIII.

OF THE BONES OF THE UPPER EXTREMITIES.

Quest.

1 How are the *Bones* of the *Upper Extremities* divided?

BONES OF THE SHOULDER.

2 Of how *many* *Bones* does the *Shoulder* consist?

SCAPULA.

3 What is the *situation* of the *Scapula*?

4 What is the *general form* of the *Scapula*?

5 What *parts* of the *Scapula* are generally *enumerated*?

6 What is the *situation* of the *base* of the *Scapula*?

7 What is the *situation* of the *superior Costa* of the *Scapula*?

8 Where is the *Notch* of the *Scapula* situated?

9 What *passes through* the *Notch* of the *Scapula*?

10 What is the *situation* of the *inferior Costa* of the *Scapula*?

11 Which *edge* of the *Scapula* is *thickest*?

12 What is the *situation* of the *neck* of the *Scapula*?

13 How is the *neck* of the *Scapula* *terminated*?

14 What *process* *proceeds from* the *neck* of the *Scapula*?

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 Sect. VIII. BONES OF THE UPPER EXTREMITIES.
 

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Quest.

- 15 What is attached to the *Tuberosity* of the *Coracoid Process* of the *Scapula*?
- 16 What *Muscles* arise from the *tip* of the *Coracoid Process*?
- 17 What *Muscle* arises from above the *Glenoid Cavity* of the *Scapula*?
- 18 What is the *Appearance* of the *Dorsum* of the *Scapula*?
- 19 What *Process* arises from the *Dorsum* of the *Scapula*?
- 20 What *Muscle* is attached to the *superior edge* of the *Spine* of the *Scapula*?
- 21 What *Muscle* arises from the *Inferior edge* of the *Spine* of the *Scapula*?
- 22 In what *process* does the *Spine* of the *Scapula* terminate?
- 23 What is the *form* of the *Acromion*?
- 24 What is attached to the *upper edge* of the *Acromion* near its *Apex*?
- 25 What *Muscle* arises from the *Inferior* and *Anterior* edges of the *Acromion*?
- 26 Into what *Cavities* does the *Spine* divide the *Dorsum* of the *Scapula*?
- 27 Whether is the *Supra* or *Infra Spinal Fossa* largest?
- 28 What is situated in the *Supra Spinal Fossa*?
- 29 What is situated in the *Infra Spinal Fossa*?
- 30 What arises from the *groove*, below the *Infra Spinal Fossa*, on the *inferior Costa* of the *Scapula*?
- 31 What *Muscle* arises from the *flat Surface* on the outside of the *inferior angle* of the *Scapula*?

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*Sect. VIII. BONES OF THE UPPER EXTREMITIES.*

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Quest.

- 32 What *Muscle* passes over the Inferior angle of the Scapula?
- 33 What is the *Appearance* of the inner side of the Scapula?
- 34 What *Muscle* is situated on the inner side of the Scapula?
- 35 What is the *general structure* of the Scapula?
- 36 What are the *connections* of the Scapula?

*CLAVICLE.*

- 37 What is the *situation* of the Clavicle?
- 38 What is the *general form* of the Clavicle?
- 39 Into what *parts* is the Clavicle divided?
- 40 What is the *form* of the *Sternal End* of the Clavicle?
- 41 What is attached to the *posterior angle* of the *Sternal End* of the Clavicle?
- 42 With what is the *Tubercle* at the *Posterior Part* near the *Humeral End* of the Clavicle connected?
- 43 What is the *form* of the *Scapular End* of the Clavicle?
- 44 What *Muscle* arises from the *Anterior Edge* of the Scapular end of the Clavicle?
- 45 What *Muscle* is inserted into the *posterior Edge* of the Scapular end of the Clavicle?
- 46 What *Muscle* arises from the *Anterior Edge* of the inner half of the Clavicle?
- 47 What *Muscle* is inserted into the *inferior Side* of the Clavicle?

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 Sect. VIII. BONES OF THE UPPER EXTREMITIES.
 

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Quest.

48 What is the *structure* of the Clavicle?

49 What are the *connections* of the Clavicle?

### OS HUMERI.

50 What is the *situation* of the Os Humeri?

51 What is the *general form* of the Os Humeri?

52 Into what *parts* is the Os Humeri divided?

53 What is the *form* and *direction* of the *head* of the Os Humeri?

54 Where are the *Tuberosities* of the Os Humeri situated?

55 How are the *Tuberosities* of the Os Humeri distinguished?

56 What *Muscle* is inserted into the *internal Tuberosity* of the Os Humeri?

57 What *Muscles* are inserted into the *external Tuberosity* of the Os Humeri?

58 What is situated between the *Tuberosities* of the Os Humeri?

59 What passes through the *groove* between the *Tuberosities* of the Os Humeri?

60 What is called the *Neck* of the Os Humeri?

61 What arises from the *posterior* part of the *Neck* of the Os Humeri?

62 What is inserted into the *ridge external* to the *groove* of the Os Humeri?

63 What is inserted into the *ridge internal* to the *groove* of the Os Humeri?

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Sect. VIII. BONES OF THE UPPER EXTREMITIES.

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Quest.

- 64 What is *inserted* into the great *Muscular Impression* on the outer side of the middle of the Os Humeri?
- 65 What is *inserted* into the *ridge* on the inner side of the middle of the Os Humeri?
- 66 At what *part* and in what *direction* does the *Medullary Artery* of this Bone enter?
- 67 What is the *form* of the *lower part* of the Os Humeri?
- 68 In what do the *edges* of the *lower part* of the Os Humeri terminate?
- 69 Which of the *Condyles* of the Os Humeri is the *largest*?
- 70 What *Muscles* generally arise from the *external Condyle* of the Os Humeri?
- 71 What *Muscles* generally arise from the *internal Condyles* of the Os Humeri?
- 72 Where is the *Trochlea* of the Os Humeri situated?
- 73 What is the *form* of the *Trochlea* of the Os Humeri?
- 74 What is the *form* of the Os Humeri immediately *above* the *Trochlea*?
- 75 To what are the *depressions* above the *Trochlea* of the Os Humeri *adapted*?
- 76 What is the particular *situation* of the Os Humeri?
- 77 What is the *structure* of the Os Humeri?
- 78 What are the *connections* of the Os Humeri?

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 Sect. VIII. BONES OF THE UPPER EXTREMITIES.
 

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## BONES OF THE FOREARM.

Quest.

79 Of how many Bones does the *Forearm* consist?

## ULNA.

80 What is the *situation* of the Ulna?81 What is the *form* of the Ulna?82 Into what *parts* is the Ulna generally *divided*?83 What are the names of the *chief processes* of the Ulna?84 What is the *situation* of the *Olecranon*?85 What *Muscles* are inserted into the *Olecranon*?86 Where is the *Coronoid Process* of the Ulna situated?87 What *Muscle* is inserted into the *Coronoid Process* of the Ulna?88 Where is the *Olecranon* lodged when the forearm is extended?89 Where is the *Coronoid process* lodged during the Flexion of the forearm?90 What is the *use* of the *Triangular Surface* on the posterior part of the *Olecranon*?91 What is lodged in the *Fossa* external to the *Triangular Surface*?92 Where is the greater *Sigmoid Cavity* of the Ulna situated?93 What is the *use* of the greater *Sigmoid Cavity* of the Ulna?



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*Sect. VIII. BONES OF THE UPPER EXTREMITIES.*

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Quest.

- 94 Where is the *lesser Sigmoid Cavity* of the Ulna situated?
- 95 What is the *use* of the *lesser Sigmoid Cavity* of the Ulna?
- 96 What is the *form* of the body of the Ulna?
- 97 What is *attached* to the outer sharp edge of the Ulna?
- 98 What is the situation of the *Canal* for the *Medullary Artery* of the Ulna?
- 99 What is the *form* of the *inferior extremity* of the Ulna?
- 100 What is attached to the *Styloid Process* of the Ulna?
- 101 What passes in the *groove* on the *Anterior side* of the termination of the Ulna?
- 102 What passes in the *groove* on the *posterior side* of the termination of the Ulna?
- 103 What is the *structure* of the Ulna?
- 104 What are the *connections* of the Ulna?

*RADIUS.*

- 105 What is the *situation* of the Radius?
- 106 What is the general *form* of the Radius?
- 107 What is the *relative lengths* of the Radius and Ulna?
- 108 Into what *parts* is the Radius *divided*?
- 109 What is the *form* of the *head* of the Radius?
- 110 With what is the *head* of the Radius *articulated* laterally?
- 111 What is the *situation* and *direction* of the *neck* of the Radius?
- 112 Where is the *Tuberosity* of the Radius situated?

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*Sect. VIII. BONES OF THE UPPER EXTREMITIES.*

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Quest.

- 113 What is *attached* to the *Tuberosity* of the Radius?
- 114 What is the *form* of the *body* of the Radius?
- 115 What is attached to the *inner sharp edge* of the Radius?
- 116 What is the *situation* and *direction* of the *Canal* of the *Medullary Artery* of the Radius?
- 117 What is the *relative size* of the *two ends* of the Radius?
- 118 What is the *form* of the *inferior* end of the Radius?
- 119 For what purpose is the *anterior side* of the *inferior end* of the Radius hollowed?
- 120 What is received into the *depression* of the *inner side* of the Radius?
- 121 What pass in the *grooves* on the *posterior side* of the Radius?
- 122 What is the *situation* of the *Styloid Process* of the Radius?
- 123 What is attached to the *Styloid Process* of the Radius?
- 124 What is the *structure* of the Radius?
- 125 What are the *connections* of the Radius?

*BONES OF THE HAND.*

- 126 How are the *bones* of the Hand classed?

*CARPUS.*

- 127 What is the *situation* of the *Carpus*?
- 128 Of how many *bones* does the *Carpus* consist?

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Sect. VIII. BONES OF THE UPPER EXTREMITIES.

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Quest.

- 129 What is the *general form* of the *Carpus*?
- 130 How are the *bones* of the *Carpus* *arranged*?
- 131 What are the names of the *Carpal bones*?
- 132 What is the situation of the *Os Scaphoides*?
- 133 What is the *general form* of the *Os Scaphoides*?
- 134 What is the *situation* of the *Os Lunare*?
- 135 What is the *general form* of the *Os Lunare*?
- 136 What is the *situation* of the *Os Cuneiforme*?
- 137 What is the *general form* of the *Os Cuneiforme*?
- 138 What is the *situation* of the *Os Pisiforme*?
- 139 What is the *form* of the *Os Pisiforme*?
- 140 What is the *situation* of the *Os Trapezium*?
- 141 What is the *form* of the *Os Trapezium*?
- 142 What is the *situation* and form of the *Os Trapezoides*?
- 143 What is the *situation* and form of the *Os Magnum*?
- 144 What is the *situation* of the *Os Unciforme*?
- 145 What is the *general form* of the *Os Unciforme*?
- 146 What is the structure of the *Carpal Bones*?

METACARPUS.

- 147 What is the *situation* of the *Metacarpus*?
- 148 Of how *many bones* does the *Metacarpus* consist?
- 149 What is the *general form* of the bones of the *Metacarpus*?
- 150 Into what parts are the *bones* of the *Metacarpus* generally *divided*?
- 151 What is the *form* of the *basis* of the *Metacarpal bones*?

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*Sect. VIII. BONES OF THE UPPER EXTREMITIES.*

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Quest.

- 152 What is the *form* of the *bodies* of the Metacarpal bones?
- 153 What is the *form* of the *heads* of the Metacarpal bones?
- 154 Which is the *largest* of the Metacarpal bones?
- 155 What is the *structure* of the Metacarpal bones?
- 156 What are the *connections* of the Metacarpal bones?

*BONES OF THE FINGERS*

- 157 *How many* are the *bones* of the *Fingers*?
- 158 How are the *bones* of the *Fingers* named?
- 159 What is the *form* of the *first bone* of the *Thumb*?
- 160 What is the *form* of the *second bone* of the *Thumb*?
- 161 What is the *form* of the *third bone* of the *Thumb*?
- 162 What is the *form* of the *first Phalanges* of the *Fingers*?
- 163 What is the *form* of the *second Phalanges* of the *Fingers*?
- 164 What is the *form* of the *third Phalanges* of the *Fingers*?

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*Sect. IX. BONES OF THE LOWER EXTREMITIES.*

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SECTION IX.

OF THE BONES OF THE LOWER EXTREMITIES.

Quest.

1 How are the Bones of the lower Extremities *divided* ?

*OS FEMORIS.*

2 What is the *general situation* of the *Os Femoris* ?

3 Into *what parts* is the *Os Femoris* divided ?

4 What is the *form* of the *head* of the *Os Femoris* ?

5 In what *direction* is the *head* of the *Os Femoris* placed ?

6 Where is the *Fossula* of the *head* of the *Os Femoris* situated ?

7 What is *attached* to the edge of the *Fossula* of the *Os Femoris* ?

8 What is the *situation* of the *neck* of the *Os Femoris* ?

9 What is the *direction* of the *neck* of the *Os Femoris* ?

10 Where is the *Capsular Ligament* of the *head* of the *Os Femoris* inserted ?

11 What is the name of the *great Tuberosities* situated at the root of the neck of the *Os Femoris* ?

12 At what *particular part* of the base of the neck of the *Os Femoris* is the *Trochanter Major* situated ?

13 What covers the *external convex* surface of the *Trochanter Major* ?

14 What *muscle* is attached to the *rough broad anterior muscular mark* on the *great Trochanter* ?

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 Sect. IX. BONES OF THE LOWER EXTREMITIES.
 

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Quest.

- 15 What is fixed to the posterior edge of the *great Trochanter* ?
- 16 What is attached to the *sharp superior edge* of the *great Trochanter* ?
- 17 What is attached to the *deep Fossa* of the *great Trochanter* ?
- 18 What is the *form* of the *body* of the *Os Femoris* ?
- 19 Where is the *Trochanter Minor* situated ?
- 20 What is attached to the *Trochanter Minor* ?
- 21 Where is the *Linea Aspera* situated ?
- 22 What Muscle is fixed to the *commencement* of the *Linea Aspera* ?
- 23 What Muscles are attached to the *middle* of the *Linea Aspera* ?
- 24 How does the *Linea Aspera* terminate inferiorly ?
- 25 What is attached to the *outer ridge* of the *Linea Aspera* ?
- 26 What is attached to the *inner ridge* of the *Linea Aspera* ?
- 27 Over which of the ridges of the *Linea Aspera* do the Femoral vessels pass ?
- 28 What is inserted into the *Tuberosity* which terminates the *inner ridge* of the *Linea Aspera* ?
- 29 What is the *situation* and *direction* of the canal of the Medullary Artery of the *Os Femoris* ?
- 30 What is the *form* of the *lower extremity* of the *Os Femoris* ?
- 31 What is the *name* of the *two great Eminences* of which it consists ?
- 32 Which of the *Condyles* projects most inferiorly and posteriorly ?

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Sect. IX. BONES OF THE LOWER EXTREMITIES.

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Quest.

- 33 Which of the *Condyles projects most anteriorly* ?
- 34 What is situated between the two *Condyles posteriorly* ?
- 35 What is transmitted through the great *Notch of the Os Femoris* ?
- 36 What *Ligaments* are attached to the *inner side of the Notch of the Os Femoris* ?
- 37 Where is the *Pully* of the *Os Femoris* situated ?
- 38 What are attached to the *small Tuberosities* immediately above the back of the *Condyles of the Os Femoris* ?
- 39 What is the *structure* of the *Os Femoris* ?
- 40 What are the *connections* of the *Os Femoris* ?

BONES OF THE LEG.

- 41 Of what *Bones* does the *Leg* consist ?

TIBIA.

- 42 What is the *situation* of the *Tibia* ?
- 43 What is the *general form* of the *Tibia* ?
- 44 Into what parts is the *Tibia* divided ?
- 45 What is the *form* of the *superior articular surfaces* of the *Tibia* ?
- 46 What *difference* is there in the *form* of the *superior articular surfaces* of the *Tibia* ?
- 47 What is attached to the *Tuberosity between the superior articular surfaces* of the *Tibia* ?
- 48 What is *inserted* into the *Tuberosity* behind the *inner part* of the *head* of the *Tibia* ?

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Sect. IX. BONES OF THE LOWER EXTREMITIES.

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Quest.

- 49 What is fixed to the *Tuberosity* behind the *outer part* of the *head* of the *Tibia*?
- 50 What is *attached* to the *Tuberosity* on the forepart of the *head* of the *Tibia*?
- 51 What is the *form* of the *body* of the *Tibia*?
- 52 What is attached to the *inner edge* of the *Tibia*?
- 53 What is the *situation* and *direction* of the Canal of the *Medullary Artery* of the *Tibia*?
- 54 What is the *form* of the *lower end* of the *Tibia*?
- 55 What is the *use* of the *Notch* on the *outside* on the lower end of the *Tibia*?
- 56 What is the name and *use* of the *process* on the *inside* of the lower end of the *Tibia*?
- 57 How is the *Trochlea* which receives the *Astragalus* formed?
- 58 What are the *connections* of the *Tibia*?

### PATELLA.

- 59 What is the *situation* of the *Patella*?
- 60 What is the *general form* of the *Patella*?
- 61 Into what *parts* is the *Patella* divided?
- 62 What is *inserted* into the *base* of the *Patella*?
- What is fixed to the *Apex* of the *Patella*?
- 64 What is the *appearance* of the *inner*, or posterior side of the *Patella*?
- 65 Which of the *depressions* of the *Patella* is *deepest*?
- 66 What is the *structure* of the *Patella*?
- 67 What are the *connections* of the *Patella*?



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Sect. IX. BONES OF THE LOWER EXTREMITIES.

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FIBULA.

Quest.

- 68 What is the *situation* of the Fibula?
- 69 What is the *general form* of the Fibula?
- 70 Into what *parts* is the Fibula *divided*?
- 71 What is the *form* of the *head* of the Fibula?
- 72 What is *fixed* to the *Tuberosity* of the *head* of the Fibula?
- 73 With what is the *articular surface* of the *head* of the Fibula articulated?
- 74 What is the *form* of the *body* of the Fibula?
- 75 To what *part of the body* of the Fibula is the *Interosseous Ligament* fixed?
- 76 What is the *situation* and *direction* of the *Canal* of the Medullary Artery of the Fibula?
- 77 What is the *form* of the *lower end* of the Fibula?
- 78 What is attached to the *inferior articular* surface of the Fibula?
- 79 What is attached to the *Tuberosity* of the lower end of the Fibula?
- 80 What are the *connections* of the Fibula?

BONES OF THE FOOT.

- 81 How are the *Bones of the Foot* *divided*?

TARSUS.

- 82 What is the *situation* of the *Tarsus*?

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*Sect. IX. BONES OF THE LOWER EXTREMITIES.*

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Quest.

- 83 Of what *Bones* does the Tarsus consist?
- 84 Which is the *superior Bone* of the Tarsus?
- 85 What is the *general form* of the *Astragalus*?
- 86 What is the *form* of the *superior articular surface* of the *Astragalus*?
- 87 What is the *appearance* of the *inferior surface* of the *Astragalus*?
- 88 With what are connected the *articular surfaces* of the *inferior side* of the *Astragalus*?
- 89 What is united to the *anterior articular surface* of the *Astragalus*?
- 90 What is the *situation* of the *Os Calcis*?
- 91 What is the *general form* of the *Os Calcis*?
- 92 What is the *appearance* of the *superior surface* of the *Os Calcis*?
- 93 What is the *appearance* of the *Os Calcis* posteriorly?
- 94 What is attached to the *rough portion* at the *posterior end* of the *Os Calcis*?
- 95 What is the *appearance* of the *lower surface* of the *Os Calcis*?
- 96 What is the *appearance* of the *anterior side* of the *Os Calcis*?
- 97 What is attached to the *anterior side* of the *Os Calcis*?
- 98 What is the *appearance* of the *outer side* of the *Os Calcis*?
- 99 What is the *appearance* of the *inner side* of the *Os Calcis*?
- 100 What is lodged in the *inner side* of the *concavity* of the *Os Calcis*?

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*Sect. IX. BONES OF THE LOWER EXTREMITIES.*

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Quest.

- 101 What is the *situation* of the *Os Scaphoides*?
- 102 What is the *form* of the *Os Scaphoides*?
- 103 What is attached to the *posterior concave side* of the  
*Os Scaphoides*?
- 104 What is attached to the *anterior convex side* of the  
*Os Scaphoides*?
- 105 What is fixed to the *Tuberosity* of the *Os Scaphoides*?
- 106 What is the *situation* of the *Os Cuboides*?
- 107 What is the *form* of the *Os Cuboides*?
- 108 What is the *appearance* of the *lower side* of the *Os*  
*Cuboides*?
- 109 What passes in the *groove* on the *lower side* of the  
*Os Cuboides*?
- 110 What is the *appearance* of the *posterior side* of the  
*Os Cuboides*?
- 111 What is united to the *posterior side* of the *Os Cuboides*?
- 112 What is the *appearance* of the *anterior side* of the *Os*  
*Cuboides*?
- 113 What is united to the *anterior side* of the *Os Cuboides*?
- 114 What is the *appearance* of the *inner side* of the *Os*  
*Cuboides*?
- 115 What is attached to the *cartilaginous surface* of the  
*inner side* of the *Os Cuboides*?
- 116 What is the *appearance* of the *outside* of the *Os*  
*Cuboides*?
- 117 What is the *appearance* of the *upper side* of the *Os*  
*Cuboides*?
- 118 What is the *situation* of the *Ossa Cuneiformia*?

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 Sect. IX. BONES OF THE LOWER EXTREMITIES.
 

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Quest.

- 119 What is the *relative size* of the *Ossa Cuneiformia*?
- 120 Into what *parts* are the *Ossa Cuneiformia* distinguished?
- 121 What is the *form* of the *Os Cuneiforme Internum*?
- 122 What is the *form* of the *Os Cuneiforme Medium*?
- 123 What is the *form* of the *Os Cuneiforme Externum*?

### METATARSUS.

- 124 What is the *situation* of the METATARSUS?
- 125 Of how *many bones* does the *Metatarsus* consist?
- 126 What is the *general form* of the bones of the *Metatarsus*?
- 127 Into *what parts* are the bones of the *Metatarsus* generally divided?
- 128 What is the *form* of the *bases* of the *Metatarsal Bones*?
- 129 What is the *form* of the *bodies* of the *Metatarsal Bones*?
- 130 What is the *form* of the *heads* of the *Metatarsal Bones*?
- 131 Which is the largest of the *Metatarsal Bones*?
- 132 What is peculiar to the fifth *Metatarsal Bone*?
- 133 What are the *connections* of the *Metatarsal Bones*?

### BONES OF THE TOES.

- 134 What is the *number* of the bones of the *TOES*?
- 135 How are the bones of the *Toes* arranged?
- 136 What is the *form* of the *first bone* of the great *Toe*?
- 137 What is the *form* of the *second bone* of the great *Toe*?
- 138 What is the *form* of the *first bones* of the *Toes*?

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Sect. X. OF THE FEMALE SKELETON.

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Quest.

- 139 What is the *form* of the *second bones* of the Toes ?  
 140 What is the *form* of the *third bones* of the Toes ?  
 141 What is the *form* and *situation* of the *Sesamoid Bones* ?

SECTION X.

OF THE FEMALE SKELETON.

- 1 How do the *Bones of the Female* differ in general from those of the *Male* ?  
 2 Whether is the *Skull* of the Female, or that of the Male, proportionally largest ?  
 3 How does the *Os Frontis* of the Female differ from that of the Male ?  
 4 How do the *Clavicles* of the Female differ from those of the Male ?  
 5 How does the *Sternum* of the Female differ from that of the Male ?  
 6 How do the *Cartilages* of the *true ribs* in the Female differ from those of the Male ?  
 7 How do the *Vertebræ* of the Female differ from those of the Male ?  
 8 How does the *Os Sacrum* of the Female differ from that of the Male ?  
 9 How does the *Os Coccygis* of the Female differ from that of the Male ?

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*Sect. XI.*

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OF CARTILAGES.

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Quest.

- 10 How do the *Ossa Ilii* of the Female differ from those of the Male?
- 11 How does the *Arch* of the *Pubes*, and the *Ischiatric Notch* of the Female differ from these parts in the Male?
- 12 How do the *Tuberosities of the Ischia* of the Female differ from those of the Male?
- 13 How do the *Ossa Femorum* of the Female differ from those of the Male?
- 14 What part of the Female Skeleton offers the most striking differences from that of the Male?

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## CHONDROLOGY.

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### SECTION XI.

#### OF CARTILAGES.

- 1 What are CARTILAGES?
- 2 How many kinds of Cartilages are there?
- 3 What are *Diarthrodial Cartilages*?
- 4 What are the *use* of *Diarthrodial Cartilages*?
- 5 What are *Synarthrodial Cartilages*?
- 6 What are the *uses* of *Synarthrodial Cartilages*?
- 7 What are *interarticular Cartilages*?
- 8 What are the *uses* of *interarticular Cartilages*?
- 9 In what parts does Cartilage supply the place of bone?

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Sect. XII. LIGAMENTS OF THE HEAD AND TRUNK.

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SYNDESMOLOGY.

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SECTION XII.

OF THE LIGAMENTS OF THE HEAD AND TRUNK.

Quest.

- 1 What are LIGAMENTS?
- 2 How many *kinds* of *Ligaments* are there?
- 3 What are *Capsular Ligaments*?
- 4 What is the *use* of *Capsular Ligaments*?
- 5 What are *connecting Ligaments*?
- 6 What is the *use* of *connecting Ligaments*?
- 7 What *names* are usually given to the *connecting Ligaments*?
- 8 What other kinds of ligamentous substances are there?
- 9 What are the *Ligaments* of the *lower Jaw*?
- 10 What is the *situation* of the *capsular Ligament* of the *lower Jaw*?
- 11 What is the *situation* of the *lateral Ligament* of the *lower Jaw*?
- 12 What are the *Ligaments* of the *Vertebræ* in general?
- 13 What is the *situation* of the *common anterior Ligament* of the *Vertebræ*?
- 14 What is the *situation* of the *common posterior Ligament* of the *Vertebræ*?
- 15 What is the *situation* of the *crucial* or *intervertebral Ligaments*?

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*Sect. XII. LIGAMENTS OF THE HEAD AND TRUNK.*

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Quest.

- 16 What is the *situation* of the *Capsules* of the *oblique Processes*?
- 17 What is the *situation* of the *intertransverse Ligaments*?
- 18 What is the *situation* of the *Ligamenta Subflava*?
- 19 What is the *situation* of the *interspinous Ligaments*?
- 20 What are the *Ligaments peculiar* to the *Cervical Vertebrae*?
- 21 What is the *situation* of the *Ligamentum Nuchæ*?
- 22 What is the *situation* of the *transverse Ligament* of the *Atlas*?
- 23 What are the *Ligaments* from the *first Vertebra* to the *Occiput*?
- 24 What are the *Ligaments* from the *second Vertebra* to the *Occiput*?
- 25 What is the *situation* of the *perpendicular Ligament*?
- 26 What is the *situation* of the *lateral Ligaments*?
- 27 What are the *Ligaments* connecting the *Ribs* and *Vertebrae*?
- 28 What is the *situation* of the *Capsules* of the *heads* of the *Ribs*?
- 29 What is the *situation* of the *Capsules* of the *Tubercles* of the *Ribs*?
- 30 What is the *situation* of the *external Ligaments* of the *Necks* of the *Ribs*?
- 31 What is the *situation* of the *internal Ligaments* of the *Necks* of the *Ribs*?
- 32 What is the *situation* of the *external transverse Ligament*?
- 33 What is the *situation* of the *internal transverse Ligament*?



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*Sect. XIII. LIGAMENTS OF THE UPPER EXTREMITY.*

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Quest.

- 34 What are the *Ligaments* connecting the *Ribs* to each other?
- 35 What are the *Ligaments* connecting the *Ribs* and *Sternum*?
- 36 What is the *situation* of the *Capsules* of the anterior ends of the *Ribs*?
- 37 What is the *situation* of the *external* and *internal transverse Ligaments*?
- 38 What are the *proper Ligaments* of the *Sternum*?
- 39 What are the *Ligaments* of the *Petvis*?
- 40 What is the *situation* of *Poupart's Ligament*?
- 41 What is the *situation* of the *annular Ligament*?
- 42 What is the *situation* of the *Obturator Ligament*?
- 43 What is the *situation* of the *Transverse Ligaments*?
- 44 What is the *situation* of the *Ilio-Sacral Ligament*?
- 45 What is the *situation* of the *Ligamenta Fuga*?
- 46 What is the *situation* of the *Short Sacro-Ischiatic Ligament*?
- 47 What is the *situation* of the *Long Sacro-Ischiatic Ligament*?
- 48 What are the *Ligaments* of the *Os Coccygis*?

SECTION XIII.

OF THE LIGAMENTS OF THE UPPER EXTREMITY.

- 1 What are the *Ligaments* of the *Sternal end* of the *Clavicle*?
- 2 What is the *situation* of the *Capsular Ligament*?
- 3 What is the *situation* of the *interclavicular Ligament*?

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*Sect. XIII. LIGAMENTS OF THE UPPER EXTREMITY.*

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Quest.

- 4 What is the *situation* of the *Rhomboid Ligament* ?
- 5 What are the *Ligaments* connecting the *Clavicle* and *Scapula* ?
- 6 What is the *situation* of the *Capsular Ligament* ?
- 7 What is the *situation* of the *Conoid Ligament* ?
- 8 What is the *situation* of the *Trapezoid Ligament* ?
- 9 What are the *Ligaments* proper to the *Scapula* ?
- 10 What is the *situation* of the *proper anterior Ligament* ?
- 11 What is the *situation* of the *proper posterior Ligament* ?
- 12 What are the *Ligaments* connecting the *Scapula* and *Humerus* ?
- 13 What is the *situation* of the *capsular Ligament* ?
- 14 What is the *situation* of the *Tendon* of the *Biceps* ?
- 15 What are the *Ligaments* proper to the *Humerus* ?
- 16 What is the *situation* of the *external intermuscular Ligament* ?
- 17 What is the *situation* of the *internal intermuscular Ligament* ?
- 18 What are the *Ligaments* connecting the *Humerus* to the *Radius* and *Ulna* ?
- 19 What is the *situation* of the *Capsular Ligament* ?
- 20 What is the *situation* of the *external lateral Ligament* ?
- 21 What is the *situation* of the *internal lateral Ligament* ?
- 22 What are the *Ligaments* connecting the *Radius* and *Ulna* ?
- 23 What is the *situation* of the *Coronary Ligament* ?
- 24 What is the *situation* of the *oblique Ligament* ?
- 25 What is the *situation* of the *interosseous Ligament* ?
- 26 What is the *situation* of the *Saciform Ligament* ?

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*Sect. XIII. LIGAMENTS OF THE UPPER EXTREMITY.*

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Quest.

- 27 What are the *Ligaments* from the *Radius* and *Ulna* to the *Carpus*?
- 28 What is the *situation* of the *Capsular Ligament*?
- 29 What is the *situation* of the *External Lateral Ligament*?
- 30 What is the *situation* of the *Internal Lateral Ligament*?
- 31 What are the *Ligaments* of the *Carpus*?
- 32 What is the *situation* of the *Capsular Ligament*?
- 33 What is the *situation* of the *Transverse Ligament*?
- 34 What is the *situation* of the *Posterior Annular Ligament*?
- 35 What is the *situation* of the *Anterior Annular Ligament*?
- 36 What is the *situation* of the *Vaginal Ligament*?
- 37 What are the *Ligaments* of the *Bases* of the *Metacarpal Bones*?
- 38 What is the *situation* of the *Capsular Ligament*?
- 39 What is the *situation* of the *Lateral Ligaments*?
- 40 What is the *situation* of the *Dorsal Ligaments*?
- 41 What is the *situation* of the *Palmar Ligaments*?
- 42 What are the *Ligaments* of the *Heads* of the *Metacarpal Bones*?
- 43 What are the *Ligaments* of the *joints* of the *Fingers*?

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Sect. XIV. LIGAMENTS OF THE LOWER EXTREMITY.

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## SECTION XIV.

## OF THE LIGAMENTS OF THE LOWER EXTREMITY.

Quest.

- 1 What are the *Ligaments* connecting the *Os Inneminatum* and *Femur* ?
- 2 What is the *situation* of the *Capsular Ligament* ?
- 3 What is the *situation* of the *Ligamentum Teres* ?
- 4 What are the *Ligaments* connecting the *Femur* with the *Tibia* and *Fibula* ?
- 5 What is the *situation* of the *Capsular Ligament* ?
- 6 What is the *situation* of the *Popliteal Ligament* ?
- 7 What is the *situation* of the *External Lateral Ligament* ?
- 8 What is the *situation* of the *Internal Lateral Ligament* ?
- 9 What is the *situation* of the *Posterior Crucial Ligament* ?
- 10 What is the *situation* of the *Anterior Crucial Ligament* ?
- 11 What are the *Ligaments* of the *Patella* ?
- 12 What is the *situation* of the *Anterior Ligament* ?
- 13 What is the *situation* of the *Alar Ligaments* ?
- 14 What are the *Ligaments* connecting the *Tibia* and *Fibula* ?
- 15 What is the *situation* of the *Capsular Ligament* ?
- 16 What is the *situation* of the *Interosseous Ligament* ?
- 17 What is the *situation* of the *Transverse Ligaments* ?

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Sect. XIV. LIGAMENTS OF THE LOWER EXTREMITY.

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Quest.

- 18 What are the *ligaments* connecting the *Tibia* and *Fibula* to the *Tarsus* ?
- 19 What is the *situation* of the *Capsular Ligament* ?
- 20 What is the *situation* of the *Deltoid Ligament* ?
- 21 What is the *situation* of the *Anterior Ligament* ?
- 22 What is the *situation* of the *Middle Ligament* ?
- 23 What is the *situation* of the *Posterior Ligament* ?
- 24 What are the *Ligaments* of the *Tarsus* ?
- 25 What is the *situation* of the *Capsular Ligament* ?
- 26 What is the *situation* of the *Transverse Ligament* ?
- 27 What is the *situation* of the *Plantar Ligament* ?
- 28 What is the *situation* of the *Internal Ligament* ?
- 29 What are the *Ligaments* of the *Bases of the Metatarsal Bones* ?
- 30 What is the *situation* of the *Capsular Ligaments* ?
- 31 What is the *situation* of the *Lateral Ligaments* ?
- 32 What is the *situation* of the *Dorsal Ligaments* ?
- 33 What is the *situation* of the *Plantar Ligaments* ?
- 34 What are the *Ligaments* of the *Heads of the Metatarsal Bones* ?
- 35 What are the *Ligaments* of the *Joints of the Toes* ?
- 36 How are the *Tendons* of the *Foot* and *Toes* kept in their situations ?

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Sect. XV. OF THE MUSCLES OF THE TRUNK.

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MYOLOGY.

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Quest.

- 1 What are the MUSCLES?
- 2 What is the *general appearance* of the Muscles?
- 3 What *general names* do Muscles derive from the arrangement of their Fibres?
- 4 Whence are the *particular names* of Muscles in general derived?
- 5 What are the TENDONS?
- 6 What is called the *origin* of a Muscle?
- 7 What is called the *insertion* of a Muscle?

SECTION XV.

OF THE MUSCLES OF THE TRUNK.

- 1 What Muscles *arise* from the *Trunk*, and are *inserted* into it and the *Linea Alba*?
- 2 What is the *origin, insertion* and *use* of the OBLIQUUS EXTERNUS ABDOMINIS DESCENDENS?
- 3 What is the *origin, insertion* and *use* of the OBLIQUUS INTERNUS ABDOMINIS ASCENDENS?

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*Sect. XV. OF THE MUSCLES OF THE TRUNK.*

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Quest.

- 4 What is the *origin, insertion* and *use* of the TRANSVERSALIS ABDOMINIS?
- 5 What is the *origin, insertion* and *use* of the RECTUS ABDOMINIS?
- 6 What is the *origin, insertion* and *use* of the PYRAMIDALIS?
- 7 What *Muscles* arise from the *Ribs* and *Vertebræ*, and terminate in a *Central Tendon*?
- 8 What is the *origin, insertion* and *use* of the *greater Muscle* of the DIAPHRAGM?
- 9 What is the *origin, insertion* and *use* of the *lesser Muscle* of the DIAPHRAGM?
- 10 What *Muscle* arises from the *Pelvis* and *Vertebræ*, and is inserted into the *Ribs* and *Vertebræ*?
- 11 What is the *origin, insertion* and *use* of the LONGISSIMUS DORSI?
- 12 What *Muscle* arises from the *Pelvis* and *Vertebræ*, and is inserted into the *Ribs*?
- 13 What is the *origin, insertion* and *use* of the SACRO LUMBALIS?
- 14 What *Muscle* arises from the *Pelvis* and *Vertebræ*, and is inserted into the *Vertebræ*?
- 15 What is the *origin, insertion* and *use* of the MULTIFIDUS SPINÆ?
- 16 What *Muscle* arises from the *Pelvis*, and is inserted into the *Ribs*?
- 17 What is the *origin, insertion* and *use* of the QUADRATUS LUMBORUM?

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*Sect. XV. OF THE MUSCLES OF THE TRUNK.*

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Quest.

- 18 What *Muscles* arise from the *Vertebra*, and are inserted into the *Ribs*?
- 19 What is the *origin*, *insertion* and *use* of the SCALENUS ANTICUS?
- 20 What is the *origin*, *insertion* and *use* of the SCALENUS MEDIUS?
- 21 What is the *origin*, *insertion* and *use* of the SCALENUS POSTICUS?
- 22 What is the *origin*, *insertion* and *use* of the CERVICALIS DESCENDENS?
- 23 What is the *origin*, *insertion* and *use* of the STERNATUS SUPERIOR POSTICUS?
- 24 What is the *origin*, *insertion* and *use* of the STERNATUS INFERIOR POSTICUS?
- 25 What *Muscles* arise from the *Vertebra*, and are inserted into *them*?
- 26 What is the *origin*, *insertion* and *use* of the LONGUS COLLI?
- 27 What is the *origin*, *insertion* and *use* of the SPLICIUS CERVICIS?
- 28 What is the *origin*, *insertion* and *use* of the OBLIQUUS CAPITIS INFERIOR?
- 29 What is the *origin*, *insertion* and *use* of the TRANSVERSARIUS COLLI?
- 30 What is the *origin*, *insertion* and *use* of the SEMISPINALIS COLLI?
- 31 What is the *origin*, *insertion* and *use* of the SEMISPINALIS DORSI?



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Sect. XV. OF THE MUSCLES OF THE TRUNK.

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Quest.

- 32 What is the *origin, insertion and use* of the SEMISPI-  
NALIS DORSI ?
- 33 What is the *origin, insertion and use* of the INTERSPI-  
NALES COLLI ?
- 34 What are the INTERSPINALES DORSI et LUMBORUM ?
- 35 What is the *origin, insertion and use* of the INTER-  
TRANSVERSALES COLLI et LUMBORUM ?
- 36 What are the INTERTRANSVERSALES DORSI ?
- 37 What *Muscles arise* from one Rib and are *inserted*  
into another ?
- 38 What is the *origin, insertion and use* of the INTERCOS-  
TALES EXTERNI ?
- 39 What is the *origin, insertion and use* of the INTERCOS-  
TALES INTERNI ?
- 40 What *Muscle arises* from the *Sternum* and is *inserted*  
into the *Ribs* ?
- 41 Where is the *origin, insertion and use* of the TRIAN-  
GULATORIS STERNI ?
- 42 What *Muscle arises* from the *Vertebræ* and is *inserted*  
into the *Pelvis* ?
- 43 What is the *origin, insertion and use* of the PSOAS  
PARVUS ?
- 44 What *Muscles arise* from one *part* of the *Pelvis* and  
are *inserted* into another ?
- 45 What is the *origin, insertion and use* of the COCCY-  
GEUS ?
- 46 What is the *origin, insertion and use* of the CURVA-  
TOR COCCIGIS ?

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*Sect. XVI. MUSCLES OF THE MALE ORGANS, &c.*

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## SECTION XVI.

## MUSCLES OF THE MALE ORGANS OF GENERATION AND ANUS.

Quest.

- 1 What *Muscle* arises from the Obliquus Internus Abdominis and is *inserted* into the Testis?
- 2 What is the *origin, insertion* and *use* of the CREMASTER?
- 3 What is the DARTOS?
- 4 What *Muscles* arise from the Tuber Ischii and are *inserted* about the Penis?
- 5 What is the *origin, insertion* and *use* of the ERECTOR PENIS?
- 6 What is the *origin, insertion* and *use* of the TRANSVERSUS PERINLI?
- 7 What is the *origin, insertion* and *use* of the TRANSVERSUS PERINEI ALTER?
- 8 What *Muscle* arises from one part of the Penis and is *inserted* into another?
- 9 What is the *origin, insertion* and *use* of the ACCELERATOR URINE, or EJACULATOR SEMINIS?
- 10 What *Muscle* arises from the Pubes and is *inserted* about the Prostate Gland?
- 11 What is the *origin, insertion* and *use* of the COMPRESSOR PROSTATÆ?
- 12 What *Muscles* arise from the Pelvis and are *inserted* about the Anus?

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Sect. XVII. MUSCLES OF THE FEMALE ORGANS, &c.

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Quest.

- 13 What is the *origin, insertion* and *use* of the LEVATOR ANI?
- 14 What is the *origin, insertion* and *use* of the SPHINCTER ANI EXTERNUS?
- 15 What is the SPHINCTER ANI INTERNUS?

SECTION XVII.

MUSCLES OF THE FEMALE ORGANS OF  
GENERATION AND ANUS.

- 1 What *Muscle* arises from the Ischium, and is inserted into the *Clitoris*?
- 2 What is the *origin, insertion* and *use* of the ERECTOR CLITORIDIS?
- 3 What *Muscle* arises from the *Clitoris*, and is inserted into the *Vagina*?
- 4 What is the *origin, insertion* and *use* of the SPHINCTER VAGINÆ?
- 5 What *Muscle* arises from the Tuber Ischii and is inserted into the Perineum?
- 6 What is the *origin, insertion* and *use* of the TRANSVERSUS PERINEI?
- 7 What *Muscle* arises from the Tuber Ischii and is inserted into the *Vagina*?
- 8 What is the *origin, insertion* and *use* of the TRANSVERSUS PERINEI ALTER?

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*Sect. XVIII: MUSCLES OF THE HEAD, FACE, &c.*

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Quest.

- 9 What *Muscle* arises from one part of the Clitoris and is *inserted* into another?
- 10 What is the *origin, insertion* and *use* of the DEPRESSOR URETHRÆ?
- 11 What *Muscles* arise from the Pelvis and are *inserted* about the Anus?
- 12 What is the *origin, insertion* and *use* of the LEVATOR ANI?
- 13 What is the *origin, insertion* and *use* of the SPHINCTER ANI EXTERNUS?
- 14 What is the SPHINCTER ANI INTERNUS?

SECTION XVIII.

MUSCLES OF THE HEAD, FACE, &c.

- 1 What *Muscle* arises from the Integuments of the Breast and Shoulder, and is *inserted* into those of the Face?
- 2 What is the *origin, insertion* and *use* of the PLATYSMA MYOIDES?
- 3 What *Muscles* arise from the Sternum, Ribs, or Vertebrae, and are *inserted* into the Head?
- 4 What is the *origin, insertion,* and *use* of the STERNO-CLEIDO-MASTOIDEUS?
- 5 What is the *origin, insertion,* and *use* of the RECTUS CAPITIS ANTICUS MAJOR?
- 6 What is the *origin, insertion,* and *use* of the RECTUS CAPITIS ANTICUS MINOR?

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*Sect. XVIII. MUSCLES OF THE HEAD, FACE, &c.*

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Quest.

- 7 What is the *origin, insertion* and *use* of the RECTUS CAPITIS LATERALIS?
- 8 What is the *origin, insertion* and *use* of the SPLENIUS CAPITIS?
- 9 What is the *origin, insertion* and *use* of the COMPLEXUS?
- 10 What is the *origin, insertion* and *use* of the TRACHELO MASTOIDEUS?
- 11 What is the *origin, insertion* and *use* of the RECTUS CAPITIS POSTICUS MAJOR?
- 12 What is the *origin, insertion* and *use* of the OBLIQUUS CAPITIS SUPERIOR?
- 13 What is the *origin, insertion* and *use* of the RECTUS CAPITIS POSTICUS MINOR?
- 14 What *Muscles* arise from the Skull, and are inserted into its Integuments?
- 15 What is the *origin, insertion* and *use* of the OCCIPITO-FRONTALIS?
- 16 What is the *origin, insertion* and *use* of the CORRUGATOR SUPERCILII?
- 17 What *Muscles* arise from the Cranium, and are inserted into the Eyelids?
- 18 What is the *origin, insertion* and *use* of the LEVATOR PALPEBRÆ SUPERIORIS?
- 19 What is the *origin, insertion* and *use* of the ORBICULARIS PALPEBRARUM?
- 20 What *Muscles* arise from the Cranium, and are inserted into the Eyeball?

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*Sect. XVIII. MUSCLES OF THE HEAD, FACE, &c.*

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Quest.

- 21 What is the *origin, insertion and use* of the *LEVATOR OCULI*?
- 22 What is the *origin, insertion and use* of the *DEPRESSOR OCULI*?
- 23 What is the *origin, insertion and use* of the *ABDUCTOR OCULI*?
- 24 What is the *origin, insertion and use* of the *ABDUCTOR OCULI*?
- 25 What is the *origin, insertion and use* of the *TROCHLEARIS, or OBLIQUUS SUPERIOR*?
- 26 What is the *origin, insertion and use* of the *OBLIQUUS INFERIOR OCULI*?
- 27 What *Muscles arise* from the *Cranium* and are *inserted* into the *External Ear*?
- 28 What is the *origin, insertion and use* of the *ATTOLLENS AUREM*?
- 29 What is the *origin, insertion and use* of the *ANTERIOR AURIS*?
- 30 What is the *origin, insertion and use* of the *RETRAHENS AURIS*?
- 31 What *Muscles arise* from one part of the *Pinna* of the *External Ear*, and are *inserted* into another?
- 32 What is the *origin, insertion and use* of the *HELICIS MAJOR*?
- 33 What is the *origin, insertion and use* of the *HELICIS MINOR*?
- 34 What is the *origin, insertion and use* of the *TRAGICUS*?

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Sect. XVIII. MUSCLES OF THE HEAD, FACE, &c.

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Quest.

- 35 What is the *origin, insertion* and *use* of the ANTI-  
TRAGICUS?
- 36 What is the *origin, insertion* and *use* of the TRANSVER-  
SUS AURIS?
- 37 What *Muscles* arise from the Cranium, and are in-  
serted into the Ossicula Auditus?
- 38 What is the *origin, insertion* and *use* of the LAXATOR  
TYMPANI MAJOR?
- 39 What is the *origin, insertion* and *use* of the LAXATOR  
TYMPANI MINOR?
- 40 What is the *origin, insertion* and *use* of the TENSOR  
TYMPANI?
- 41 What is the *origin, insertion* and *use* of the STAPE-  
DIUS?
- 42 What *Muscle* arises from one part of the Nasal Carti-  
lage, and is inserted into another?
- 43 What is the *origin, insertion* and *use* of the COMPRES-  
SOR NARIS?
- 44 What *Muscles* arise from the Cranium, and are in-  
serted into the Nose and Lips?
- 45 What is the *origin, insertion* and *use* of the LEVATOR  
LABII SUPERIORIS ALIQUE NASI?
- 46 What is the *origin, insertion* and *use* of the DEPRES-  
SOR LABII SUPERIORIS ALIQUE NASI?
- 47 What *Muscle* arises from the Nose and is inserted into  
the upper Lip?
- 48 What is the *origin, insertion* and *use* of the NASALIS-  
LABII SUPERIORIS?

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 Sect. XVIII. MUSCLES OF THE HEAD, FACE, &c.
 

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Quest.

- 49 What *Muscles* arise from the Cranium, and are inserted into the Lips?
- 50 What is the *origin, insertion* and *use* of the DEPRESSOR LABII INFERIORIS?
- 51 What is the *origin, insertion* and *use* of the LEVATOR LABII INFERIORIS?
- 52 What is the *origin, insertion* and *use* of the DEPRESSOR ANGULI ORIS?
- 53 What is the *origin, insertion* and *use* of the BUCCINATOR?
- 54 What is the *origin, insertion* and *use* of the ZYGOMATICEUS MAJOR?
- 55 What is the *origin, insertion* and *use* of the ZYGOMATICEUS MINOR?
- 56 What *Muscle* arises at one part of the Lips, and is inserted at another?
- 57 What is the *origin, insertion* and *use* of the ORBICULARIS ORIS?
- 58 What *Muscle* arises from one part of the upper Jaw, and is inserted into another?
- 59 What is the *origin, insertion* and *use* of the ANOMALUS MAXILLÆ SUPERIORIS?
- 60 What *Muscles* arise from the Cranium, and are inserted into the lower Jaw?
- 61 What is the *origin, insertion* and *use* of the TEMPORALIS?
- 62 What is the *origin, insertion* and *use* of the MASSETER?



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*Sect. XIX. OF THE LARYNX AND PHARYNX.*

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Quest.

- 63 What is the *origin, insertion* and *use* of the PTERYGOIDEUS EXTERNUS?
- 64 What is the *origin, insertion* and *use* of the PTERYGOIDEUS INTERNUS?
- 65 What is the *origin, insertion* and *use* of the DIGASTRICUS?

SECTION XIX.

LARYNX AND PHARYNX.

- 1 What is the LARYNX?
- 2 Where is the LARYNX *situated*?
- 3 Of what is the LARYNX *composed*?

LARYNX.

- 4 Of how many CARTILAGES is the LARYNX *composed*?
- 5 What is the *situation* of the THYROID CARTILAGE?
- 6 What is the *form* of the THYROID CARTILAGE?
- 7 What is the *situation* of the CRICOID CARTILAGE?
- 8 What is the *form* of the CRICOID CARTILAGE?
- 9 What is the *situation* of the ARYTENOID CARTILAGES?
- 10 What is the *form* of the ARYTENOID CARTILAGES?
- 11 What is the *situation* of the EPIGLOTTIS?
- 12 What is the *form* of the EPIGLOTTIS?

\* The structure of the Larynx and Pharynx must necessarily be understood before their Muscles can be described.

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 Sect. XX. MUSCLES OF THE ORGANS OF VOICE, &c.
 

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Quest.

13 What *LIGAMENTS* does the *Larynx* possess?

14 How is the *GLOTTIS* formed?

15 What is the *use* of the *LARYNX*?

*PHARYNX.*

16 What is the *PHARYNX*?

17 What is the *situation* of the *PHARYNX*?

18 What is the *structure* of the *PHARYNX*?

19 Into what portions is the *PHARYNX* *divided*?

20 What is the *form* of the *PHARYNX*?

21 What is the *use* of the *PHARYNX*?

SECTION XX.

MUSCLES OF THE ORGANS OF VOICE AND  
DEGLUTITION.

1 What *Muscles* arise from the *Cranium*, and are *inserted* into the *Larynx*?

2 Describe the *DIGASTRICUS*.

3 What is the *origin*, *insertion* and *use* of the *STYLO-HYOIDEUS*?

4 What is the *origin*, *insertion* and *use* of the *MYLO-HYOIDEUS*?

5 What is the *origin*, *insertion* and *use* of the *GENIO-HYOIDEUS*?

6 What *Muscles* arise from the *Trunk*, and are *inserted* into the *Larynx*?

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Sect. XX. MUSCLES OF THE ORGANS OF VOICE, &c.

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Quest.

- 7 What is the *origin, insertion and use* of the STERNO-HYOIDEUS?
- 8 What is the *origin, insertion and use* of the STERNO-THYROIDÆUS?
- 9 What *Muscle* arises from the Shoulder, and is inserted into the Larynx?
- 10 What is the *origin, insertion and use* of the OMO-HYOIDEUS?
- 11 What *Muscles* arise from, and are inserted into, the Larynx?
- 12 What is the *origin, insertion and use* of the THYROIDÆUS?
- 13 What is the *origin, insertion and use* of the MUSCULUS GLANDULÆ THYROIDÆÆ?
- 14 What is the *origin, insertion and use* of the CRICO-THYROIDÆUS?
- 15 What is the *origin, insertion and use* of the CRICO-ARYTÆNOIDEUS POSTICUS?
- 16 What is the *origin, insertion and use* of the CRICO-ARYTÆNOIDEUS LATERALIS?
- 17 What is the *origin, insertion and use* of the THYROIDÆ-ARYTÆNOIDEUS MAJOR?
- 18 What is the *origin, insertion and use* of the THYROIDÆ-ARYTÆNOIDEUS MINOR?
- 19 What is the *origin, insertion and use* of the ARYTÆNOIDEUS OBLIQUUS?
- 20 What *Muscle* arises from one Arytenoid Cartilage and is inserted into the other?

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*Sect. XX. MUSCLES OF THE ORGANS OF VOICE, &c.*

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Quest.

- 21 What is the *origin, insertion and use* of the ARYTÆNOIDEUS TRANSVERSUS?
- 22 What *Muscles arise* from the Cranium, and are *inserted* into the Tongue?
- 23 What is the *origin, insertion and use* of the GENIOGLOSSUS?
- 24 What is the *origin, insertion and use* of the STYLOGLOSSUS?
- 25 What *Muscle arises* from the Os Hyoides, and is *inserted* into the Tongue?
- 26 What is the *origin, insertion and use* of the HYOGLOSSUS?
- 27 What *Muscle* is wholly situated in the Tongue?
- 28 What is the *origin, insertion and use* of the LINGUALIS?
- 29 What *Muscles arise* from the Cranium, and are *inserted* into the Palate?
- 30 What is the *origin, insertion and use* of the CIRCUMFLEXUS, or TENSOR PALATI?
- 31 What is the *origin, insertion and use* of the LEVATOR PALATI?
- 32 What *Muscles arise* from the Larynx, and are *inserted* into the Epiglottis?
- 33 What is the *origin, insertion and use* of the THYREOEPIGLOTTIDUS MAJOR?
- 34 What is the *origin, insertion and use* of the THYREOEPIGLOTTIDEUS MINOR?
- 35 What is the *origin, insertion and use* of the ARYTÆNOEPIGLOTTIDEUS?

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*Sect. XXI. MUSCLES OF THE UPPER EXTREMITY.*

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Quest.

- 36 What *Muscle* arises from the Cranium, and is inserted into the Uvula?
- 37 What is the *origin, insertion* and *use* of the Azygos UVULÆ?
- 38 What *Muscle* arises from the Tongue, and is inserted into the Fauces?
- 39 What is the *origin, insertion* and *use* of the CONSTRUCTOR ISTHMI FAUCIUM?
- 40 What *Muscles* arise from the Cranium, and are inserted into the Pharynx?
- 41 What is the *origin, insertion* and *use* of the STYLO-PHARYNGEUS?
- 42 Where is the *origin, insertion* and *use* of the CONSTRUCTOR PHARYNGIS SUPERIOR?
- 43 What *Muscles* arise from the Larynx, and are inserted into the Pharynx?
- 44 What is the *origin, insertion* and *use* of the CONSTRUCTOR PHARYNGIS MEDIUS?
- 45 What is the *origin, insertion* and *use* of the CONSTRUCTOR PHARYNGIS INFERIOR?
- 46 What is the *origin, insertion* and *use* of the PALATO-PHARYNGEUS?

SECTION XXI.

MUSCLES OF THE UPPER EXTREMITY.

- 1 What *Muscle* arises from the Trunk, and are inserted into the Shoulder?

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*SECT. XXI. MUSCLES OF THE UPPER EXTREMITY.*


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Quest.

- 2 What is the *origin, insertion and use* of the PECTORALIS MINOR?
- 3 What is the *origin, insertion and use* of the LEVATOR SCAPULÆ?
- 4 What is the *origin, insertion and use* of the TRAPEZIUS?
- 5 What is the *origin, insertion and use* of the RHOMBOIDEUS?
- 6 What is the *origin, insertion and use* of the SERRATUS MAGNUS?
- 7 What is the *origin, insertion and use* of the SUBCLAVIUS?
- 8 What *Muscles arise* from the Trunk, and are *inserted* into the Humerus?
- 9 What is the *origin, insertion and use* of the PECTORALIS MAJOR?
- 10 What is the *origin, insertion and use* of the LATISSIMUS DORSI?
- 11 What *Muscles arise* from the Shoulder, and are *inserted* into the Os Humeri?
- 12 What is the *origin, insertion and use* of the DELTOIDES?
- 13 What is the *origin, insertion and use* of the CORACOBRACHIALIS?
- 14 What is the *origin, insertion and use* of the SUPRASPINATUS?
- 15 What is the *origin, insertion and use* of the INFRA-SPINATUS?
- 16 What is the *origin, insertion and use* of the TERES MINOR?

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*Sect. XXI. MUSCLES OF THE UPPER EXTREMITY.*

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Quest.

- 17 What is the *origin, insertion and use* of the TERES  
MAJOR?
- 18 What is the *origin, insertion and use* of the SUBSCAPU-  
LARIS?
- 19 What *Muscles arise* from the Shoulder, and are *inserted*  
into the Forearm?
- 20 What is the *origin, insertion and use* of the BICEPS  
CUBITI?
- 21 What is the *origin, insertion and use* of the LONG HEAD  
OF THE TRICEPS?
- 22 What *Muscles arise* from the Humerus, and are *inserted*  
into the Forearm?
- 23 What is the *origin, insertion and use* of the SHORTER  
HEADS OF THE TRICEPS?
- 24 What is the *origin, insertion and use* of the ANCONEUS?
- 25 What is the *origin, insertion and use* of the BRACHIA-  
LIS INTERNUS?
- 26 What is the *origin, insertion and use* of the SUPINATOR  
RADII LONGUS?
- 27 What is the *origin, insertion and use* of the SUPINATOR  
RADII BREVIS?
- 28 What is the *origin, insertion and use* of the PRONATOR  
RADII TERES?
- 29 What *Muscles arise* from the Humerus, and are *inserted*  
into the Hand?
- 30 What is the *origin, insertion and use* of the FLEXOR  
CARPI ULNARIS?
- 31 What is the *origin, insertion and use* of the PALMARIS  
LONGUS?

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*Sect. XXI. MUSCLES OF THE UPPER EXTREMITY.*

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Quest.

- 32 What is the *origin, insertion and use* of the FLEXOR CARPI RADIALIS?
- 33 What is the *origin, insertion and use* of the EXTENSOR CARPI RADIALIS LONGIOR?
- 34 What is the *origin, insertion and use* of the EXTENSOR CARPI RADIALIS BREVIOR?
- 35 What is the *origin, insertion and use* of the EXTENSOR CARPI ULNARIS?
- 36 What *Muscles* arise from the Humerus and are *inserted* into the Fingers?
- 37 What is the *origin, insertion and use* of the FLEXOR DIGITORUM SUBLIMIS PERFORATUS?
- 38 What is the *origin, insertion and use* of the FLEXOR LONGUS POLLICIS?
- 39 What is the *origin, insertion and use* of the EXTENSOR-DIGITORUM COMMUNIS?
- 40 What *Muscle* arises from the Ulna and Interosseous Ligament, and is *inserted* into the Phalanges of the Fingers?
- 41 What is the *origin, insertion and use* of the FLEXOR DIGITORUM PROFUNDUS PERIORANS?
- 42 What *Muscles* arise from the Tendons of the Flexor Profundus, and are *inserted* into the Phalanges of the Fingers?
- 43 What is the *origin, insertion and use* of the LUMBRICALES?
- 44 What *Muscles* arise from the Forearm, and are *inserted* into the Fingers?



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*Sect. XXI. MUSCLES OF THE UPPER EXTREMITY.*

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Quest.

- 45 What is the *origin, insertion and use* of the EXTENSOR  
OSSIS METACARPI?
- 46 What is the *origin, insertion and use* of the EXTENSOR  
PRIMI INTERNODII?
- 47 What is the *origin, insertion and use* of the EXTENSOR  
SECUNDI INTERNODII?
- 48 What is the *origin, insertion and use* of the FLEXOR  
LONGUS?
- 49 What is the *origin, insertion and use* of the INDICATOR?
- 50 What *Muscle* arises from the Ulna, and is *inserted* into  
the Radius?
- 51 What is the *origin, insertion and use* of the PRONA-  
TOR QUADRATUS?
- 52 What *Muscle* arises from the wrist, and is *inserted* into  
the Integuments of the Hand?
- 53 What is the *origin, insertion and use* of the PALMARIS  
BREVIS?
- 54 What *Muscles* arise from the wrist, and are *inserted*  
into the Thumb?
- 55 What is the *origin, insertion and use* of the ABDUCTOR  
POLLICIS?
- 56 What is the *origin, insertion and use* of the FLEXOR  
OSSIS METACARPI POLLICIS?
- 57 What is the *origin, insertion and use* of the FLEXOR  
BREVIS POLLICIS?
- 58 What *Muscle* arises from the wrist, and is *inserted* into  
the Forefinger?
- 59 What is the *origin, insertion and use* of the ABDUCTOR  
INDICIS?

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*Sect. XXI. MUSCLES OF THE UPPER EXTREMITY.*

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Quest.

- 60 What *Muscles* arise from the wrist, and are inserted into the little Finger?
- 61 What is the *origin, insertion* and *use* of the ABDUCTOR MINIMI DIGITI MANUS?
- 62 What is the *origin, insertion* and *use* of the ADDUCTOR METACARPI MINIMI DIGITI?
- 63 What is the *origin, insertion* and *use* of the FLEXOR PARVUS MINIMI DIGITI?
- 64 What *Muscle* arises from the Metacarpus, and is inserted into the Thumb?
- 65 What is the *origin, insertion* and *use* of the ADDUCTOR POLLICIS?
- 66 What *Muscles* arise from the Metacarpus, and are inserted into the Fingers?
- 67 What is the *origin, insertion* and *use* of the PRIOR INDICIS?
- 68 What is the *origin, insertion* and *use* of the POSTERIOR INDICIS?
- 69 What is the *origin, insertion* and *use* of the PRIOR MEDII?
- 70 What is the *origin, insertion* and *use* of the POSTERIOR MEDII?
- 71 What is the *origin, insertion* and *use* of the PRIOR ANNULARIS?
- 72 What is the *origin, insertion* and *use* of the POSTERIOR ANNULARIS?
- 73 What is the *origin, insertion* and *use* of the INTEROSSEUS AURICULARIS?

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*Sect. XXII. MUSCLES OF THE LOWER EXTREMITY.*

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SECTION XXII.

MUSCLES OF THE LOWER EXTREMITY.

Quest.

- 1 What *Muscle* arises from the Trunk, and is inserted into the Femur.
- 2 What is the *origin, insertion* and *use* of the Psoas Magnus?
- 3 What *Muscles* arise from the Pelvis, and are inserted into the Femur?
- 4 What is the *origin, insertion,* and *use* of the Gluteus Maximus?
- 5 What is the *origin, insertion,* and *use* of the Gluteus Medius?
- 6 What is the *origin, insertion* and *use* of the Gluteus Minimus?
- 7 What is the *origin, insertion* and *use* of the Piriformis?
- 8 What is the *origin, insertion* and *use* of the Obturator Internus?
- 9 What is the *origin, insertion* and *use* of the Gemini?
- 10 What is the *origin, insertion* and *use* of the Quadratus Femoris?
- 11 What is the *origin, insertion* and *use* of the Iliacus Internus?
- 12 What is the *origin, insertion* and *use* of the Pectinalis?

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*Sect. XXII. MUSCLES OF THE LOWER EXTREMITY.*

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Quest.

- 13 What is the *origin, insertion* and *use* of the **OBTURATOR EXTERNUS**?
- 14 What is the *origin, insertion* and *use* of the **ADDUCTOR LONGUS FEMORIS**?
- 15 What is the *origin, insertion* and *use* of the **ADDUCTOR BREVIS FEMORIS**?
- 16 What is the *origin, insertion* and *use* of the **ADDUCTOR MAGNUS FEMORIS**?
- 17 What *Muscle* arises from the Pelvis, and is inserted into the Fascia of the thigh?
- 18 What is the *origin, insertion* and *use* of the **TENSOR VAGINÆ FEMORIS**?
- 19 What *Muscles* arise from the Pelvis, and are inserted into the Leg?
- 20 What is the *origin, insertion* and *use* of the **RECTUS CRURIS**?
- 21 What is the *origin, insertion* and *use* of the **SARTORIUS**?
- 22 What is the *origin, insertion* and *use* of the **GRACILIS**?
- 23 What is the *origin, insertion* and *use* of the **SEMITENDINOSUS**?
- 24 What is the *origin, insertion* and *use* of the **SEMINEMBRANOSUS**?
- 25 What is the *origin, insertion* and *use* of the **LONG HEAD OF THE BICEPS**?
- 26 What *Muscles* arise from the Femur, and are inserted into the Leg?
- 27 What is the *origin, insertion* and *use* of the **CRURALIS**?
- 28 What is the *origin, insertion* and *use* of the **VASTUS EXTERNUS**?

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*Sect. XXII. MUSCLES OF THE LOWER EXTREMITY.*

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Quest.

- 29 What is the *origin, insertion* and *use* of the VASTUS INTERNUS?
- 30 What is the *origin, insertion* and *use* of the SHORT HEAD OF THE BICEPS?
- 31 What is the *origin, insertion* and *use* of the POPLITEUS?
- 32 What *Muscles* arise from the Femur, and are *inserted* into the Foot?
- 33 What is the *origin, insertion* and *use* of the GASTRONEMIUS?
- 34 What is the *origin, insertion* and *use* of the PLANTARIS?
- 35 What *Muscles* arise from the Leg, and are *inserted* into the Foot?
- 36 What is the *origin, insertion* and *use* of the SOLEUS?
- 37 What is the *origin, insertion* and *use* of the TIBIALIS POSTICUS?
- 38 What is the *origin, insertion* and *use* of the PERONEUS LONGUS?
- 39 What is the *origin, insertion* and *use* of the PERONEUS BREVIS?
- 40 What is the *origin, insertion* and *use* of the TIBIALIS ANTICUS?
- 41 What is the *origin, insertion* and *use* of the PERONEUS TERTIUS, or NONUS VESALII?
- 42 What *Muscles* arise from the Leg, and are *inserted* into the Toes?
- 43 What is the *origin, insertion* and *use* of the EXTENSOR LONGUS DIGITORUM PEDIS?

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*Sect. XXII. MUSCLES OF THE LOWER EXTREMITY.*

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Quest.

- 44 What is the *origin, insertion* and *use* of the EXTENSOR  
PROPRIUS POLLICIS PEDIS?
- 45 What is the *origin, insertion* and *use* of the FLEXOR  
LONGUS DIGITORUM PEDIS PROFUNDUS PERFORANS?
- 46 What is the *origin, insertion* and *use* of the FLEXOR  
LONGUS POLLICIS PEDIS?
- 47 What *Muscles arise* from the Tarsus and Metatarsus,  
and are *inserted* into the Toes in general?
- 48 What is the *origin, insertion* and *use* of the EXTENSOR  
BREVIS DIGITORUM PEDIS?
- 49 What is the *origin, insertion* and *use* of the FLEXOR  
BREVIS DIGITORUM PEDIS?
- 50 What is the *origin, insertion* and *use* of the FLEXOR  
DIGITORUM ACCESSORIUS, or MASSA CARNEA JACOBI SYLVII?
- 51 What *Muscles arise* from the Tendons of the Flexor  
Longus, and are *inserted* into the Toes?
- 52 What is the *origin, insertion* and *use* of the LUMBRI-  
CALES PEDIS?
- 53 What *Muscles arise* from the Tarsus and Metatarsus,  
and are *inserted* into the Toes?
- 54 What is the *origin, insertion* and *use* of the ADDUCTOR  
POLLICIS PEDIS?
- 5 What is the *origin, insertion* and *use* of the FLEXOR  
BREVIS POLLICIS?
- What is the *origin, insertion* and *use* of the ABDUCTOR  
POLLICIS PEDIS?

Sect. XXIII.

BURSÆ MUCOSÆ.

Quest.

- 57 What is the *origin, insertion* and *use* of the ADDUCTOR MINIMI DIGITI PEDIS?
- 58 What is the *origin, insertion* and *use* of the FLEXOR BREVIS MINIMI DIGITI PEDIS?
- 59 What is the *origin, insertion* and *use* of the ADDUCTOR MINIMI DIGITI PEDIS?
- 60 What is the *origin, insertion* and *use* of the ADDUCTOR INDICIS PEDIS?
- 61 What is the *origin, insertion* and *use* of the ADDUCTOR INDICIS PEDIS?
- 62 What is the *origin, insertion* and *use* of the ADDUCTOR MEDII DIGITI PEDIS?
- 63 What is the *origin, insertion* and *use* of the ADDUCTOR MEDII DIGITI PEDIS?
- 64 What is the *origin, insertion* and *use* of the ADDUCTOR TERTII DIGITI PEDIS?
- 65 What is the *origin, insertion* and *use* of the ADDUCTOR TERTII DIGITI PEDIS?
- 66 What *Muscle* arises from one bone of the Metatarsus, and is *inserted* into another?
- 67 What is the *origin, insertion* and *use* of the TRANSVERSALIS PEDIS?

SECTION XXIII.

BURSÆ MUCOSÆ.

- 1 What are the BURSÆ MUCOSÆ?
- 2 What are the *uses* of the BURSÆ MUCOSÆ?

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*Sect. XXIV.**FASCIÆ.*

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Quest.

- 3 Where are the *BURSÆ MUCOSÆ* uniformly *situated*?
- 4 What is the structure of the *BURSÆ MUCOSÆ*?
- 5 How are the *BURSÆ MUCOSÆ* connected with the surrounding parts?
- 6 How much fluid do the *BURSÆ MUCOSÆ* contain?

SECTION XXIV.

*FASCLE.*

- 1 What are the *FASCIÆ*?
- 2 Enumerate the most important of the *FASCIÆ*?
- 3 What are the *attachments* of the *TEMPORAL FASCIA*?
- 4 What is the texture of the *FASCIA OF THE ARM*?
- 5 Whence is the *FASCIA* of the *FORE-ARM* derived?
- 6 Whence is the *PALMAR FASCIA* derived?
- 7 Whence is the *TEMPORAL FASCIA* derived?
- 8 Where are the *FASCLE OF THE EXTREMITIES* strongest?

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SPLANCHNOLOGY.

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- 1 What is *SPLANCHNOLOGY*?
- 2 Where are the *VISCERA* chiefly situated?
- 3 What are the *names* of the *GREAT CAVITIES* of the body?



*Sect. XXV.*

THORACIC VISCERA.

SECTION XXV.

THORACIC VISCERA.

Quest.

- 1 What is the situation of the THORAX?
- 2 How is the THORAX formed?
- 3 What is the *general figure* of the THORAX?
- 4 What are the *Viscera* of the THORAX?

PLEURA.

- 5 What is the situation of the PLEURA?
- 6 What is the structure of the PLEURA?
- 7 What is the use of the PLEURA?
- 8 What is the name of the *Duplicature* of the PLEURA?
- 9 How is the MEDIASTINUM formed?
- 10 What *Cavities* are situated between the *Duplicature* of the Pleuræ?
- 11 What is *situated* in the *anterior Cavity* of the MEDIASTINUM?
- 12 What is *situated* in the *middle Cavity* of the MEDIASTINUM?
- 13 What is *contained* in the *posterior Cavity* of the MEDIASTINUM?
- 14 To what part of the Sternum is the MEDIASTINUM attached?
- 15 What *names* have been given to the other parts of the PLEURA?

## Sect. XXV.

## THORACIC VISCERA.

Quest.

- 16 How is the *inner Surface* of the PLEURA moistened?
- 17 Whence are the *Arteries* of the PLEURA derived?
- 18 Whither do the *Veins* of the PLEURA pass?
- 19 Whence are the *Nerves* of the PLEURA derived?

## THYMUS GLAND.

- 20 What is the *situation* of the THYMUS?
- 21 What is the *form* of the THYMUS?
- 22 What is the *structure* of the THYMUS?
- 23 Whether is the THYMUS largest in the *Fetus* or the *Adult*?
- 24 What is the *use* of the THYMUS?

## PERICARDIUM.

- 25 What is the PERICARDIUM?
- 26 What is the *situation* of the PERICARDIUM?
- 27 What is the *form* of the PERICARDIUM?
- 28 What is the *structure* of the PERICARDIUM?
- 29 What are the *connections* of the PERICARDIUM?
- 30 How is the *inner Surface* of the PERICARDIUM moistened?
- 31 Whence is the LIQUOR PERICARDII derived?

## HEART.

- 32 What is the HEART?
- 33 What is the *situation* of the HEART?

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Sect. XXV. THORACIC VISCERA.

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Quest.

- 34 What is the *form* of the HEART ?
- 35 Into what parts is the HEART generally divided ?
- 36 Into what *Cavities* is the HEART divided ?
- 37 What *communication* exists betwixt the Cavities of the HEART ?
- 38 What is the use of the AURICLES ?
- 39 What is the use of the VENTRICLES ?

RIGHT AURICLE.

- 40 What is the *situation* of the RIGHT AURICLE ?
- 41 How is the RIGHT AURICLE *separated* from the left ?
- 42 What are the MUSCULI PECTINATI ?
- 43 What *Veins* open into the RIGHT AURICLE ?
- 44 What is the *Appendix* to the AURICLE ?
- 45 Where does the *Vena Cava Superior* open into the RIGHT AURICLE ?
- 46 Where does the *Vena Cava Inferior* open into the RIGHT AURICLE ?
- 47 Where is the *Tuberculum Loweri* situated ?
- 48 Where does the *Coronary Vein* open into the RIGHT AURICLE ?
- 49 How is the *mouth* of the *Coronary Vein* protected ?
- 50 What is the *Valve of Eustachius* ?

RIGHT VENTRICLE.

- 51 What is the *situation* of the RIGHT VENTRICLE ?
- 52 Whether is the *right* or *left Ventricle* largest ?

## Sect. XXV.

## THORACIC VISCERA.

Quest.

- 53 What are the *Carnæ Columnæ* of the VENTRICLE?
- 54 What are the *Chordæ Tendinæ* of the VENTRICLE?
- 55 How is the *communication* between the RIGHT AURICLE and VENTRICLE protected?
- 56 What is the *construction* of the TRICUSPID VALVE?
- 57 What is the *use* of the TRICUSPID VALVE?
- 58 What Artery *arises* from the RIGHT VENTRICLE?
- 59 How is the *mouth* of the *Pulmonary Artery* protected?
- 60 What is the particular *form* of the SEMILUNAR VALVES?
- 61 What is the *use* of the SEMILUNAR VALVES?

## LEFT AURICLE.

- 62 What is the *situation* of the LEFT AURICLE?
- 63 Whether is the Cavity of the LEFT or of the RIGHT AURICLE smallest?
- 64 What is the general structure of the LEFT AURICLE?
- 65 What *Veins* open into the left AURICLE?

## LEFT VENTRICLE.

- 66 What is the *situation* of the LEFT VENTRICLE?
- 67 What is the *general structure* of the LEFT VENTRICLE?
- 68 How is the *communication* between the left Auricle and Ventricle protected?
- 69 What is the *construction* of the MITRAL VALVE?
- 70 What Artery *arises* from the LEFT VENTRICLE?
- 71 How is the *mouth* of the *Aorta* protected?

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Sect. XXV. THORACIC VISCERA.

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Quest.

72 What is the structure and use of the *Semilunar Valves* of the Aorta?

ARTERIES, VEINS, AND NERVES OF THE HEART.

73 Whence are the CORONARY ARTERIES derived?

74 What is the *course* and *distribution* of the CORONARY ARTERIES?

75 Where do the CORONARY VEINS terminate?

76 Whence are the NERVES of the Heart derived?

TRACHEA.

77 What is the *situation* of the TRACHEA?

78 What is the *form* of the TRACHEA?

79 What is the *structure* of the TRACHEA?

80 Into what does the TRACHEA *divide*?

81 Where does the TRACHEA *divide*?

82 How is the TRACHEA lined?

83 How many coats does the TRACHEA possess?

84 Whence is the external coat of the TRACHEA derived?

85 Whence is the second coat of the TRACHEA derived?

86 What forms the third coat of the TRACHEA?

LUNGS.

87 What is the *situation* of the LUNGS?

88 What is the general *form* of the LUNGS?

89 Into what portions are the LUNGS *divided*?

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 Sect. XXV. THORACIC VISCERA.
 

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Quest.

- 90 In what part of the LUNGS is the *Notch* situated, which is caused by the Apex of the Heart?
- 91 What is the *structure* of the LUNGS?
- 92 By what Membranes are the Lungs *invested*?
- 93 Where are the BRONCHIA *ramified*?
- 94 What is the *form* of the BRONCHIA?
- 95 What *structure* do the minute ramifications of the BRONCHIA assume?
- 96 How do the *Bronchial Tubes* terminate?
- 97 How are the *Air Cells* connected?
- 98 What are the *bundles* of the Air Cells termed?
- 99 What is the *structure* of the BRONCHIA?
- 100 What is the *relative situation* of the Bronchial Vessels? to the Branches of the Pulmonary Artery and Veins
- 101 What is the *Interlobular Substance*?
- 102 What effect is produced by *inflating* the *Interlobular Substance*?

ARTERIES, VEINS, AND NERVES OF THE LUNGS.

- 103 What are the *blood Vessels* of the LUNGS?
- 104 How is the *Pulmonary Artery* ramified in the LUNGS?
- 105 Which are the NUTRIENT ARTERIES of the LUNGS;
- 106 What Veins receive the Blood of the *Bronchial Arteries*?
- 107 Whither do the *Bronchial Veins* pass?
- 108 What Blood do the *Pulmonary Veins* receive?
- 109 How many *Pulmonary Veins* are there?
- 110 Whither do the *Pulmonary Veins* pass?
- 111 Whence are the *Nerves* of the LUNGS derived?

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Sect. XXVI. CIRCULATION OF THE BLOOD.

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BRONCHIAL GLANDS.

Quest.

- 112 Where are the BRONCHIAL GLANDS *situated* ?
- 113 What is the appcarance of the BRONCHIAL GLANDS ?
- 114 To what *kind of Glands* do the Bronchial belong ?

SECTION XXVI.

CIRCULATION OF THE BLOOD.

- 1 How is the CIRCULATION of the Blood effected ?
- 2 What is the *Diastole* of the Heart ?
- 3 What is the *Systole* of the Heart ?
- 4 Describe the *whole course* of the Blood ?
- 5 What sensible change is produced on the Blood in the LUNGS ?

SECTION XXVII.

RESPIRATION.

- 1 What is RESPIRATION ?
- 2 How is INSPIRATION performed ?
- 3 How is EXPIRATION performed ?

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*Sect. XXVIII. ABDOMINAL VISCERA.*


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## SECTION XXVIII.

## ABDOMINAL VISCERA.

Quest.

- 1 Where is the Cavity of the ABDOMEN *situated* ?
- 2 How is the Cavity of the ABDOMEN *formed* ?
- 3 What are the *Regions* of the ABDOMEN ?
- 4 What are the *Boundaries* of the EPIGASTRIC REGION ?
- 5 How is the EPIGASTRIC REGION *subdivided* ?
- 6 What are the *Boundaries* of the UMBILICAL REGION ?
- 7 How is the UMBILICAL REGION *subdivided* ?
- 8 What are the *Boundaries* of the HYPOGASTRIC REGION ?
- 9 How is the HYPOGASTRIC REGION *subdivided* ?
- 10 What is the *Membrane* called which lines the Cavity of the ABDOMEN ?
- 11 What are the *contents* of the ABDOMEN ?

## PERITONEUM.

- 12 What is the *situation* of the PERITONEUM ?
- 13 What is the *structure* of the PERITONEUM ?
- 14 What is the appearance of the *inner surface* of the PERITONEUM ?
- 15 What is the appearance of the *outer surface* of the PERITONEUM ?
- 16 How is the PERITONEUM *moistened* ?
- 17 What are the *Duplicatures* of the PERITONEUM ?
- 18 What are the *Processes* of the PERITONEUM ?



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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

19 What *Ligamentary Cords* are seen upon the anterior surface of the PERITONEUM?

STOMACH.

20 What is the STOMACH?

21 Where is the STOMACH situated?

22 What is the *form* of the STOMACH?

23 Where is the *greater Extremity* of the STOMACH situated?

24 Where is the *lesser Extremity* of the STOMACH situated?

25 Where is the *lesser Curvature* of the STOMACH situated?

26 Where is the *greater Curvature* of the STOMACH situated?

27 How many *Openings* has the STOMACH?

28 What are the *Names* of the *Orifices* or *Openings* of the STOMACH?

29 Where is the CARDIAC ORIFICE of the Stomach situated?

30 Where is the PYLORIC ORIFICE of the Stomach situated?

31 What is the *relative situation* of the CARDIA and PYLORUS?

32 Of how many *Coats* does the STOMACH consist?

33 What are the *Names* of the *Coats* of the Stomach?

34 What is the *situation* of the *Peritoneal Coat* of the Stomach?

35 What is the *situation* of the *Muscular Coat* of the Stomach?

36 Of how many *Planes of Fibres* does the *Muscular Coat* of the Stomach consist?

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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

- 37 What is the *course* of the *External Plane* of Fibres forming the Muscular Coat of the Stomach?
- 38 What is the *course* of the *Internal Plane* of Fibres forming the Muscular Coat of the Stomach?
- 39 What is the *situation* of the *Nervous Coat* of the Stomach?
- 40 What is the *structure* of the *Nervous Coat* of the Stomach?
- 41 What is the *situation* of the *Villous Coat* of the Stomach?
- 42 What is the *structure* of the *Villous Coat* of the Stomach?
- 43 How are the *Rugæ* of the Stomach formed?
- 44 What is the *direction* of the *Rugæ* of the Stomach?
- 45 Whence are the *Nerves* of the Stomach derived?
- 46 Whence are the *Arteries* of the Stomach derived?
- 47 Whither do the *Veins* of the Stomach pass?

### INTESTINES.

- 48 What are the INTESTINES?
- 49 How are the Intestines divided?

### DUODENUM.

- 50 What is the *situation* of the DUODENUM?
- 51 What is the *length* of the DUODENUM?
- 52 What is the *course* of the DUODENUM?
- 53 How is the DUODENUM *fixed*?

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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

- 54 Of how *many Coats* does the DUODENUM consist?
- 55 What is peculiar to the *Peritoneal Coat* of the DUODENUM?
- 56 What is the peculiarity of the *Muscular Coat* of the DUODENUM?
- 57 What is the *peculiar disposition* of the Nervous and Villous Coats of the small Intestines?
- 58 What is the *form* of the *Valvulæ Conniventes*?
- 59 In what Intestine are the *Valvulæ Conniventes* largest and most frequent?
- 60 How do the *Villi* of the DUODENUM differ from those of the Jejunum?
- 61 Where do the *Biliary* and *Pancreatic Ducts* open into the DUODENUM?

JEJUNUM AND ILIUM.

- 62 How is the termination of the JEJUNUM distinguished from the beginning of the ILIUM?
- 63 What is the course of the JEJUNUM?
- 64 How do the *Valvulæ Conniventes* of the JEJUNUM differ from those of the DUODENUM and ILIUM?
- 65 What *Glands* are found in the JEJUNUM and ILIUM?
- 66 Where are these Glands most numerous?

CÆCUM.

- 67 What is the CÆCUM?
- 68 What is the *situation* of the CÆCUM?

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 Sect. XXVIII. ABDOMINAL VISCERA.
 

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Quest.

- 69 What is the *Appendix* of the CÆCUM named?  
 70 Where does the *Appendix Cæci Vermiformis* open into the CÆCUM?  
 71 What is the size of the *Appendix Cæci Vermiformis*?  
 72 What is the structure of the *Appendix Cæci Vermiformis*?  
 73 What is the use of the *Appendix Cæci Vermiformis*?

### COLON.

- 74 What is the *situation* of the COLON?  
 75 What is the *course* of the COLON?  
 76 What is the name given to the *Convolutcd Termination* of the COLON?  
 77 What guards the *opening* of the small into the large Intestines?  
 78 What is the form of this *opening*?  
 79 What is the structure of the large Intestines?  
 80 What are the *Bands* of the COLON?  
 81 What are the Cavities called which are formed by the contraction of the Bands of the COLON?  
 82 What are the *Appendices Coli Adiposæ*?

### RECTUM.

- 83 What is the *situation* of the RECTUM?  
 84 What is the *course* of the RECTUM?  
 85 In what does the RECTUM *terminate*?

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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

- 86 How does the *Membranous Coat* of the RECTUM differ from that of the other Intestines?
- 87 How does the *Muscular Coat* of the RECTUM differ from that of the other Intestines?
- 88 How do the *Nervous* and *Villous Coats* of the RECTUM differ from those of the other Intestines?
- 89 How are the *Rugæ* arranged?
- 90 Is the RECTUM supplied with *Glands*?

MESENTERY.

- 91 How is the MESENTERY *formed*?
- 92 Into what parts is the MESENTERY *divided*?
- 93 Where does the MESENTERY *begin*?
- 94 What is the *course* of the MESENTERY?
- 95 What is the *form* of the MESENTERY?
- 96 How are the *Laminae* of the MESENTERY connected?
- 97 What is contained between the *Laminae* of the MESENTERY?
- 98 What is the MESO-COLON?
- 99 Where does the MESO COLON commence?
- 100 Where is the *Ligamentum Coli Dextrum* situated?
- 101 How is the *Ligamentum Coli Dextrum* formed?
- 102 What is the *course* of the MESO-COLON after the formation of the *Ligamentum Dextrum*?
- 103 Where does the MESO-COLON form the *Ligamentum Coli Sinistrum*?

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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

- 104 What is the *course* of the MESO-COLON after the formation of the Ligamentum Sinistrum?
- 105 Where is the MESO-RECTUM *situated*?

LIVER.

- 106 What is the LIVER?
- 107 Where is the LIVER *situated*?
- 108 What is the *form* of the LIVER?
- 109 Into what parts is the Liver divided?
- 110 How is the *right Lobe* divided from the *left*?
- 111 Where is the *Lobulus Spigelii* situated?
- 112 How many *depressions* are seen on the under side of the LIVER?
- 113 What are the *depressions* of the LIVER called?
- 114 Where is the *great Fissure* of the LIVER situated?
- 115 Where is the *Sinus* of the *Vena Portæ* situated?
- 116 Where is the *Sinus* of the *Vena Cava* situated?
- 117 Where is the *depression* for the *Gall-Bladder* situated?
- 118 How many *Ligaments* does the Liver possess?
- 119 What are the *names* of the *Ligaments* of the LIVER?
- 120 How are the *Ligaments* of the LIVER formed?
- 121 To what does the *Middle or Broad Ligament* of the LIVER connect it?
- 122 Where is the *round Ligament* of the LIVER situated?
- 123 To what do the *right and left Ligaments* of the LIVER connect it?
- 124 To what does the *Ligament* of the Liver called *Cornu* connect it?

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Sect. XXVIII. ABDOMINAL VISCERA.

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Quest.

- 125 What is the *structure* of the LIVER?
- 126 By what are the *vessels* of the LIVER enveloped?
- 127 What are the *vessels* of the LIVER?
- 128 By what *vessels* is the blood carried to the LIVER?
- 129 Of what *use* is the *Hepatic Artery*?
- 130 What is the *use* of the *Vena Portæ*?
- 131 How many *great Branches* are generally given off from the *Vena Portæ*?
- 132 In what do the *ramifications* of the *Vena Portæ* terminate?
- 133 What is the *use* of the *Folliculi* in which the *ramifications* of the *Vena Portæ* terminate?
- 134 What is the name of the small *excretory Ducts* of the *Hepatic Folliculi*?
- 135 In what do the *Pori-biliarii* terminate?
- 136 Where does the *Hepatic Duct* terminate?
- 137 How is the *blood* conveyed from the LIVER?
- 138 Whence does the LIVER derive its *Nerves*?
- 139 What is *Glisson's Capsule*?

GALL-BLADDER.

- 140 What is the GALL-BLADDER?
- 141 Where is the GALL-BLADDER *situated*?
- 142 What is the *form* of the GALL-BLADDER?
- 143 Into what parts is the GALL-BLADDER *divided*?
- 144 How is the GALL-BLADDER *situated* when we stand?
- 145 How many *Coats* does the GALL-BLADDER possess?

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 Sect. XXVIII. ABDOMINAL VISCERA.
 

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Quest.

- 146 What is peculiar to the *internal Coat* of the GALL-BLADDER?
- 147 Has the GALL-BLADDER any direct *connection* with the Liver?
- 148 How is the *Neck* of the GALL-BLADDER formed?
- 149 What is the internal appearance of the *Neck* of the GALL BLADDER?
- 150 What is the course of the *Cystic Duct*?
- 151 What duct is formed by the union of the Cystic and Hepatic Ducts?
- 152 Where does the *Ductus Communis Choledochus* terminate?
- 153 What is the course of the BILE?

### PANCREAS.

- 154 What is the PANCREAS?
- 155 What is the *situation* of the PANCREAS?
- 156 How is the PANCREAS generally *divided*?
- 157 With what parts are its *Extremities* connected?
- 158 Where is that part situated which has been termed the LESSER PANCREAS?
- 159 Where does the *Duct* of the LESSER PANCREAS terminate?
- 160 How does the PANCREATIC DUCT arise?
- 161 What is the *situation* of the PANCREATIC DUCT?
- 162 Where does the PANCREATIC DUCT *terminate*?
- 163 What is the *structure* of the PANCREAS?
- 164 Whence does the PANCREAS derive its *Arteries*?



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*Sect. XXVIII. ABDOMINAL VISCERA.*

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Quest.

165 Whither do the *Veins* of the PANCREAS pass?

166 Whence are the *Nerves* of the PANCREAS derived?

*SPLEEN.*

167 What is the SPLEEN?

168 What is the *situation* of the SPLEEN?

169 What is the *form* of the SPLEEN?

170 Into what parts is the SPLEEN generally *divided*?

171 What is the *structure* of the SPLEEN?

172 Whence does the SPLEEN derive its *Blood*?

173 Whither do the *Veins* of the SPLEEN pass?

174 Whence are the *Nerves* of the SPLEEN derived?

175 What is the *use* of the SPLEEN?

*OMENTUM.*

176 What is the OMENTUM?

177 What is the *situation* of the OMENTUM?

178 What is the *form* of the OMENTUM?

179 Where is the OMENTUM *attached*?

180 What is the *structure* of the OMENTUM?

181 What is the *situation* of the LITTLE OMENTUM?

182 How does the *Cavity* of the OMENTUM communicate with the ABDOMEN?

*KIDNEYS.*

183 What are the KIDNEYS?

184 Where are the KIDNEYS *situated*?

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 Sect. XXVIII. ABDOMINAL VISCERA.
 

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Quest.

- 185 What difference is there in the *situation* of the RIGHT and LEFT KIDNEY?
- 186 What is the *form* of the KIDNEY?
- 187 What *Coats* does the KIDNEY possess?
- 188 What is the *structure* of the KIDNEY?
- 189 How may the Cortical and Medullary Substances be distinguished from each other?
- 190 What is the number of the *Papillæ* of the KIDNEY?
- 191 What is the *name* of the *Carities* in which the Papillæ are situated?
- 192 What is the name of the Cavity in which the *Calices*, or *Infundibula* of the KIDNEY terminate?
- 193 What is the name of the *Duct* leading from the Pelvis of the KIDNEY?
- 194 What is the course of the *Ureter*?
- 195 How many *Coats* does the *Ureter* possess?
- 196 What is the *structure* of the *Coats* of the Ureter?
- 197 Whence are the *Arteries* of the KIDNEYS derived?
- 198 Whither do the Veins of the KIDNEY pass?
- 199 Whence are the *Nerves* of the KIDNEY derived?
- 200 What is the *situation* of the *Ureter* in relation to the Emulgent Artery and Vein?

### RENAL GLANDS.

- 201 What are the RENAL GLANDS?
- 202 What is the *situation* of the RENAL GLANDS?
- 203 What is the *form* of the RENAL GLANDS?

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Sect. XXIX. OF THE PELVIC VISCERA.

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Quest.

- 204 What is the *internal appearance* of the RENAL GLANDS?  
 205 What is the *form* of the *Cavity* of the RENAL GLANDS?  
 206 What is *contained* in the *Cavity* of the RENAL GLANDS?  
 207 Whether are the RENAL GLANDS largest in the *Fœtus*  
 or the *Adult*?

SECTION XXIX.

OF THE PELVIC VISCERA.

- 1 Of what are the *Pelvic Viscera* generally said to consist?

~~URINARY~~ URINARY BLADDER.

- 2 What is the URINARY BLADDER?  
 3 What is the *situation* of the URINARY BLADDER?  
 4 What is the *form* of the URINARY BLADDER?  
 5 What parts of the URINARY BLADDER are generally  
 enumerated?  
 6 Of how many *Coats* does the BLADDER consist?  
 7 What are the *names* of the *Coats* of the BLADDER?  
 8 What is the extent of the *Peritoneal Coat*?  
 9 What is the direction of the fibres of the *Muscular Coat*  
 of the BLADDER?  
 10 What is the nature of the *Cellular, or Nervous Coat*,  
 of the BLADDER?  
 11 What is the *structure* of the *internal Coat* of the BLAD-  
 DER?

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Sect. XXIX. OF THE PELVIC VISCERA.

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Quest.

- 12 How many *Openings* are there into the BLADDER?
- 13 What is the *anterior Opening*?
- 14 What is termed the *Neck* of the BLADDER?
- 15 Where do the *Ureters* open into the BLADDER?
- 16 At what distance are *these openings* from each other?
- 17 Where is the *Urachus* situated?
- 18 What is the *use* of the *Urachus*?
- 19 Whence are the *Arteries* of the BLADDER derived?
- 20 Whither do the *Veins* of the BLADDER pass?
- 21 Whence are the *Nerves* of the BLADDER derived?

MALE ORGANS OF GENERATION.

- 22 Of what parts do the Male Organs of Generation consist?

SCROTUM.

- 23 How is the SCROTUM formed?
- 24 What is the *Raphe*?
- 25 What is the *Dartos*?
- 26 What is the *Septum Scroti*?

TESTES.

- 27 Where are the TESTES situated?
- 28 What are the *Coats* of the TESTICLE?
- 29 Describe the *Tunica Vaginalis*.
- 30 What is the *Tunica Albuginea*?
- 31 What is the *internal structure* of the TESTIS?

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Sect. XXIX. OF THE PELVIC VISCERA.

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EPIDIDYMIS.

Quest.

- 32 Where is the EPIDIDYMIS *situated*?
- 33 What is the *form* of the EPIDIDYMIS?
- 34 What is the *course* of the EPIDIDYMIS?
- 35 In what does the EPIDIDYMIS terminate?

VAS DEFERENS.

- 36 What is the VAS DEFERENS?
- 37 Whence does the VAS DEFERENS *arise*?
- 38 What is the *course* of the VAS DEFERENS?

VESICULÆ SEMINALES.

- 39 What are the VESICULÆ SEMINALES?
- 40 Where are the VESICULÆ SEMINALES *situated*?
- 41 What is the *structure* of the VESICULÆ SEMINALES?
- 42 What is the *internal appearance* of the VESICULÆ SEMINALES?
- 43 What is the *external Covering* of the VESICULÆ SEMINALES?
- 44 What is the nature of their *internal Coat*?
- 45 How are the VESICULÆ SEMINALES *connected* with the Vasa Deferentia?
- 46 Where do the VESICULÆ SEMINALES *open*?
- 47 What is the *use* of the VESICULÆ SEMINALES?

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*Sect. XXIX. OF THE PELVIC VISCERA.*

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*PROSTATE GLAND.*

Quest.

- 48 What is the PROSTATE GLAND?
- 49 Where is the PROSTATE GLAND *situated*?
- 50 What is the *form* of the PROSTATE GLAND?
- 51 What are the *connections* of the PROSTATE GLAND with the surrounding parts?
- 52 What is the *internal structure* of the PROSTATE GLAND?
- 53 What openings are there from the Follicles of the PROSTATE into the Urethra?
- 54 What is the *use* of the PROSTATE GLAND?

*ANTIPROSTATÆ.*

- 55 What are the ANTIPROSTATÆ?
- 56 Where are the ANTIPROSTATÆ situated?
- 57 Where do the Ducts of the ANTIPROSTATÆ terminate?
- 58 What is the use of the ANTIPROSTATÆ?

*VERU-MONTANUM.*

- 59 What is the VERU-MONTANUM?
- 60 Where is the VERU-MONTANUM situated?
- 61 By what is the VERU-MONTANUM *perforated*?

*PENIS.*

- 62 What are the parts which compose the PENIS?

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Sect. XXIX. OF THE PELVIC VISCERA.

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CORPORA CAVERNOSA.

Quest.

- 63 What are the CORPORA CAVERNOSA ?
- 64 Where are the CORPORA CAVERNOSA *situated* ?
- 65 What *grooves* are formed by the union of the CORPORA CAVERNOSA ?
- 66 What is situated in the *lower groove* between the two CORPORA CAVERNOSA ?
- 67 What is situated in the *upper groove* between the two CORPORA CAVERNOSA ?
- 68 To what are the *ends* of the CORPORA CAVERNOSA joined anteriorly ?
- 69 To what are the roots of the CORPORA CAVERNOSA fixed ?
- 70 What is the *structure* of the CORPORA CAVERNOSA ?
- 71 How are the two CORPORA CAVERNOSA divided ?

URETHRA.

- 72 What is the URETHRA ?
- 73 What is the *situation* of the URETHRA ?
- 74 What is the *form* of the URETHRA ?
- 75 What is the *structure* of the URETHRA ?
- 76 What are the *Lacunæ* ?
- 77 In what direction are the *openings* of the *Lacunæ* ?

CORPUS SPONGIOSUM.

- 78 What is the name of the *substance* surrounding the URETHRA ?

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Sect. XXIX. OF THE PELVIC VISCERA.

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Quest.

- 79 Where is the *membranous part* of the URETHRA situated?  
 80 Where is the *Bulb* of the URETHRA situated?  
 81 Where is the *Glans Penis* situated?  
 82 What *opening* is there in the *Glans Penis*?  
 83 Where is the *Corona Glandis*?  
 84 What is the *structure* of the CORPUS SPONGIOSUM?  
 85 What *Arteries* supply the PENIS?  
 86 What is the *course* of the *Veins* of the PENIS?  
 87 How is *Erection* effected?

INTEGUMENTS OF THE PENIS.

- 88 What are the *Integuments* of the PENIS?  
 89 What is the *Præputium*?  
 90 What is the *Frænum*?
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FEMALE ORGANS OF GENERATION.

- 91 How are the *parts of Generation in Females* divided?  
 92 What are the *internal parts of Generation in the Female*?  
 93 What are the *external parts of Generation in the Female*?



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Sect. XXIX. OF THE PELVIC VISCERA.

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INTERNAL PARTS.

UTERUS.

Quest.

- 94 What is the UTERUS?
- 95 What is the *situation* of the UTERUS?
- 96 What is the *form* of the UTERUS?
- 97 Into what parts is the UTERUS generally *divided*?
- 98 What is the *form* of the *Uterine Cavity*?
- 99 What *Openings* are there into the Cavity of the UTERUS?
- 100 Whither do the *Openings* at the angles of its *Fundus* lead?
- 101 What is the size of the *Openings* at the superior angles of the UTERUS?
- 102 Whither does the *Opening* of the *inferior angle* of the UTERUS lead?
- 103 What is the size of the *Opening* of the inferior angle of the UTERUS?
- 104 What is the *name* generally given to the *opening* of the inferior angle of the UTERUS?
- 105 How is the Cavity of the UTERUS *lined*?
- 106 In what part of the UTERUS does the Membrane lining it form *Rugæ*?
- 107 By what small *Foramina* is the *Os Uteri* surrounded?
- 108 What is the *internal structure* of the UTERUS?
- 109 By what Membrane is the UTERUS externally *invested*?
- 110 How are the *broad Ligaments* of the UTERUS formed?

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 Sect. XXIX. OF THE PELVIC VISCERA.
 

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Quest.

- 111 What is the *situation* of the *broad Ligaments* of the UTERUS?
- 112 What are the *Alæ* of the *broad Ligaments* of the UTERUS?
- 113 What is contained between the *Laminae* of the *broad Ligaments* of the UTERUS?
- 114 What are the *round Ligaments* of the UTERUS?

### OVARIA.

- 115 What are the OVARIA?
- 116 What is the *situation* of the OVARIA?
- 117 How are the OVARIA *connected* to the Uterus?
- 118 What is the *internal structure* of the OVARIA?

### FALLOPIAN TUBES.

- 119 What are the FALLOPIAN TUBES?
- 120 Where are the FALLOPIAN TUBES *situated*?
- 121 What is the *size* of the *Cavity* of the FALLOPIAN TUBES?
- 122 How do the FALLOPIAN TUBES *terminate*?
- 123 What is the *direction* of the greater extremity of the *Fallopian Tubes*?
- 124 With what are the *greater extremities* of the FALLOPIAN TUBES *connected*?
- 125 How is the *Cavity* of the FALLOPIAN TUBES *lined*?
- 126 What is the *structure* of the FALLOPIAN TUBES?

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Sect. XXIX. OF THE PELVIC VISCERA.

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VAGINA.

Quest.

- 127 What is the VAGINA ?
- 128 How is the VAGINA *situated* ?
- 129 Where does the *Os Uteri* project into the VAGINA ?
- 130 To what part of the Uterus is the VAGINA *attached* ?
- 131 With what parts is the VAGINA connected *anteriorly* ?
- 132 Where is the VAGINA connected with the Rectum ?
- 133 Where has it a peritoneal covering ?
- 134 What is the *structure* of the VAGINA ?

ARTERIES, VEINS, AND NERVES OF THE  
UTERUS, &c.

- 135 Whence are the *Arteries* of the Uterus, Fallopian Tubes, and Ovaria derived ?
- 136 Whither do the *Veins* of the Uterus, Fallopian Tubes, and Ovaria pass ?
- 137 Whence are the *Nerves* of the Uterus, Fallopian Tubes, and Ovaria derived ?

EXTERNAL PARTS.

PUBES.

- 138 What name is given to the External Parts collectively ?
- 139 What is the *situation* of the PUBES ?
- 140 How is the PUBES *formed* ?

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*Sect. XXIX. OF THE PELVIC VISCERA.*

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*LABIA PUDENDI.*

Quest.

- 141 What is the *situation* of the LABIA PUDENDI?  
 142 What are the points in which the LABIA meet, termed?  
 143 What is the *structure* of the LABIA?  
 144 What *name* is given to the part situated between the  
     Inferior Commissure of the LABIA and the Anus?  
 145 What is the *length* of the *Perineum*?  
 146 What parts are seen when the *Labia* are separated?

*NYMPHÆ.*

- 147 What are the NYMPHÆ?  
 148 What is the *situation* of the NYMPHÆ?  
 149 What is the *shape* of the NYMPHÆ?  
 150 What is the *structure* of the NYMPHÆ?  
 151 Which of the *extremities* of the NYMPHÆ are most  
     distant?

*CLITORIS.*

- 152 What is the CLITORIS?  
 153 What is the *situation* of the CLITORIS?  
 154 By what is the CLITORIS *enveloped*?  
 155 What is the *structure* of the CLITORIS?  
 156 Where are the *Crura* of the CLITORIS fixed?  
 157 What is the *use* of the CLITORIS?

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Sect. XXIX. OF THE PELVIC VISCERA.

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URETHRA.

Quest.

- 158 What is the *situation* of the URETHRA in Females?
- 159 What appearance have the sides of the *Orifice* of the URETHRA?
- 160 Where are the *Lacunæ* of the URETHRA situated?
- 161 What is the *structure* of the FEMALE URETHRA?
- 162 How is the Female URETHRA distinguished from the Male?

THE ORIFICE OF THE VAGINA.

- 163 What is the *situation* of the *Orifice of the Vagina*?
- 164 Whether is it narrower than the rest of the VAGINA?
- 165 What is particularly noticed at its under part?

HYMEN.

- 166 What is the HYMEN?
- 167 What part of the HYMEN is pervious?
- 168 What are the *Caruncule Myrtiformes*?
- 169 What is the *use* of the HYMEN?

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OF THE ORGANS OF THE SENSES.

- 1 What are the ORGANS OF THE SENSES?
- 2 What are the names of the ORGANS OF THE SENSES?

## Sect. XXX.

## ORGAN OF VISION.

## SECTION XXX

## ORGAN OF VISION.

Quest.

- 1 Of what does the ORGAN OF VISION consist?
- 2 Where are the *Eyes* situated?

## ORBITS.

- 3 What are the ORBITS?
- 4 Where are the ORBITS *situated*?
- 5 Of how many *Bones* is the ORBIT of the Eye composed?
- 6 What are the *names* of the *Bones* which compose the ORBIT?
- 7 What *Bones* form its *Range* or *Basis*?
- 8 What *Bones* form its *Apex*?
- 9 What *Bones* form the *sides* of the ORBIT?
- 10 By what *Foramina* is the ORBIT perforated?
- 11 In what part of the ORBIT is the *Foramen Opticum* situated?
- 12 In what part of the ORBIT is the *Sphenoidal Fissure*, or *Foramen Lacerum Orbitale Superius* situated?
- 13 In what part of the ORBIT is the *Spheno-Maxillary Fissure* situated?
- 14 Whence is the *Membrane* lining the ORBIT derived?

Sect. XXX.

ORGAN OF VISION.

LACHRYMAL AND EXTERNAL PARTS OF THE EYE.

SUPERCILIA.

Quest.

15 Where are the SUPERCILIA *situated* ?

16 How are the SUPERCILIA *formed* ?

17 How are the SUPERCILIA *moved* ?

PALPEBRÆ.

18 Explain the *situation* of the PALPEBRÆ.

19 Which of the PALPEBRÆ is *largest* ?

20 What are the *points*, where the superior and inferior PALPEBRÆ *meet*, denominated ?

21 Whether is the *Nasal*, or *Temporal Angle* of the PALPEBRÆ *largest* ?

22 How are the PALPEBRÆ *composed* ?

TARSI.

23 What are the TARSI ?

24 Where are the TARSI *situated* ?

25 What is the *form* of the TARSI ?

26 Which of the *Edges* of the TARSI is *thickest* ?

27 What is formed by the meeting of the *Ciliary Edges* of the TARSI ?

28 What is the appearance of their *inner sides* ?

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*Secl. XXX.*      ORGAN OF VISION.
 

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## CILIARY GLANDS.

Quest.

- 29 What are the CILIARY GLANDS?  
 30 Where are the CILIARY GLANDS *situated*?  
 31 What is the *form* of the CILIARY GLANDS?

## CILIA.

- 32 What are the CILIA?  
 33 Where are the CILIA *situated*?  
 34 What is the *course* of the Hairs of the CILIA?  
 35 Where are the Hairs of the CILIA *longest*?

## LACHRYMAL APPARATUS.

- 36 What parts compose the LACHRYMAL APPARATUS?

## LACHRYMAL GLAND.

- 37 Where is the LACHRYMAL GLAND *situated*?  
 38 What is the *form* of the LACHRYMAL GLAND?  
 39 What is the *course* of the LACHRYMAL DUCTS?

## CARUNCULA LACHRYMALIS.

- 40 What is the CARUNCULA LACHRYMALIS?  
 41 Where is the CARUNCULA LACHRYMALIS *situated*?  
 42 What is the *structure* of the CARUNCULA LACHRYMALIS?  
 43 What is the *use* of the CARUNCULA LACHRYMALIS?



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*Sect. XXX.**ORGAN OF VISION.*

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Quest.

44 Where is the *LACUS LACHRYMALIS* *situated* ?45 What is the *use* of the *LACUS LACHRYMALIS* ?*PLICA SEMILUNARIS.*46 Where is the *PLICA SEMILUNARIS* *situated* ?47 What is the *form* of the *PLICA SEMILUNARIS* ?48 What is the *direction* of the *Cornua* of the *PLICA SEMILUNARIS* ?49 What is the *use* of the *PLICA SEMILUNARIS* ?*PUNCTA LACHRYMALIA.*50 What are the *PUNCTA LACHRYMALIA* ?51 Where are the *PUNCTA LACHRYMALIA* *situated* ?52 How are the *PUNCTA LACHRYMALIA* *formed* ?53 What parts of the opposite *PUNCTA LACHRYMALIA* touch when the *Eyelids* are closed ?54 What is the *use* of the *PUNCTA LACHRYMALIA* ?*CANALICULI LACHRYMALES.*55 What are the *CANALICULI LACHRYMALES* ?56 Where are the *CANALICULI LACHRYMALES* *situated* ?57 What is the *direction* of the *CANALICULI LACHRYMALES* ?*LACHRYMAL SAC.*58 Where is the *LACHRYMAL SAC* *situated* ?59 By what *Bones* is the *LACHRYMAL GROOVE* *formed* ?

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 Sect. XXX.      ORGAN OF VISION.
 

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Quest.

- 60 What is the *form* of the LACHRYMAL SAC?
- 61 Where is the LACHRYMAL SAC crossed by the *Tendon* of the Orbicularis Palpebrarum?
- 62 Into what part of the LACHRYMAL SAC do the Canaliculi Lachrymales open?
- 63 From what part of the LACHRYMAL SAC does the *Ductus ad Nasum* commence?

DUCTUS AD NASUM.

- 64 Where is the DUCTUS AD NASUM *situated*?
- 65 By what *Bones* is the DUCTUS AD NASUM surrounded?
- 66 Where does the DUCTUS AD NASUM terminate?
- 67 What is the course of the Tears?

THE GLOBE OF THE EYE.

- 68 What is the *figure* of the GLOBE OF THE EYE?
- 69 Where does it deviate from a true Spheroid?
- 70 Of what is the GLOBE OF THE EYE composed?

COATS OF THE EYE.

- 71 How many are the COATS OF THE EYE, and what are their *names*?
- 72 How are the COATS OF THE EYE generally *classed*?

TUNICA CONJUNCTIVA.

- 73 What is the TUNICA CONJUNCTIVA?
- 74 What is the *situation* of the TUNICA CONJUNCTIVA?

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Quest.

- 75 Into what parts is the TUNICA CONJUNCTIVA *divided* ?  
 76 How does the TUNICA CONJUNCTIVA *adhere* to the Eye ?  
 77 To what part of the Eye does the TUNICA CONJUNCTIVA *adhere most* firmly.

TUNICA SCLEROTICA.

- 78 What is the SCLEROTICA ?  
 79 What is the *situation* of the TUNICA SCLEROTICA ?  
 80 What is the *structure* of the TUNICA SCLEROTICA ?  
 81 What part of the SCLEROTIC COAT is *thickest* ?  
 82 To what part of the *Sclerotic Coat* are the Muscles of the Eye attached ?

TUNICA CORNEA.

- 83 What is the CORNEA ?  
 84 How is the CORNEA connected with the Sclerotica ?  
 85 What is the *form* of the CORNEA ?  
 86 What is the *structure* of the CORNEA ?

TUNICA CHOROIDES.

- 87 What is the CHOROID COAT ?  
 88 What is the *situation* of the CHOROID COAT ?  
 89 Where does the CHOROID COAT *commence* ?  
 90 Where does the CHOROID COAT *terminate* ?  
 91 What is remarkable at the anterior edge of the CHOROID COAT ?

## Sect. XXX.

## ORGAN OF VISION.

Quest.

92 What is the *Nigrum Pigmentum*?

93 What are the Blood Vessels of the CHOROID COAT?

## IRIS.

94 What is the IRIS?

95 What is the *situation* of the IRIS?

96 What is the *hole* in the middle of the IRIS called?

97 What name has been given to the *posterior side* of the IRIS?

98 What is the *structure* of the IRIS?

## RETINA.

99 Where is the RETINA *situated*?

100 Where does the RETINA *arise*?

101 Where does the RETINA *terminate* anteriorly?

102 At what part of the RETINA does the *Optic Nerve* terminate?

103 What occupies the *centre* of the RETINA posteriorly?

104 What is the *structure* of the RETINA?

105 How is the RETINA supplied with Blood?

## HUMOURS OF THE EYE.

106 Of how many HUMOURS does the Eye consist?

107 What are the *names* of the HUMOURS of the Eye?

Sect. XXX.

ORGAN OF VISION.

AQUEOUS HUMOUR.

Quest.

- 108 What is the AQUEOUS HUMOUR?
- 109 Where is the AQUEOUS HUMOUR *situated*?
- 110 How are the *chambers* of the Eye formed?
- 111 Which of the *chambers* of the Eye is *largest*?
- 112 What is the *use* of the AQUEOUS HUMOUR?

VITREOUS HUMOUR.

- 113 What is the VITREOUS HUMOUR?
- 114 Where is the VITREOUS HUMOUR *situated*?
- 115 What is the *form* of the VITREOUS HUMOUR?
- 116 By what is the VITREOUS HUMOUR *enveloped*?
- 117 What is the *internal structure* of the VITREOUS HUMOUR?

CRYSTALLINE LENS.

- 118 What is the CRYSTALLINE LENS?
- 119 Where is the CRYSTALLINE LENS *situated*?
- 120 What is the *form* of the CRYSTALLINE LENS?
- 121 By what is the CRYSTALLINE LENS *enveloped*?
- 122 What is the *internal structure* of the *Crystalline Lens*?

MUSCLES, VESSELS, AND NERVES OF THE EYE.

- 123 How many *Muscles* belong to the *Ball of the Eye*?
- 124 Whence are the *Vessels* of the Eye derived?
- 125 Whence are the *Nerves* of the Eye derived?

## Sect. XXXI.

## ORGAN OF SMELL.

## USE OF THE PARTS OF THE EYE.

Quest.

- 126 What is the *use* of the *Cornea* ?
- 127 What is the *use* of the *Aqueous Humour* ?
- 128 What is the *use* of the *Crystalline Lens* ?
- 129 What is the *use* of the *Vitreous Humour* ?
- 130 What part of the Eye perceives the picture formed by  
the mechanical arrangement of the other parts ?
- 131 What is the *use* of the *Choroid Coat* ?
- 132 What is the *use* of the *Nigrum Pigmentum* ?
- 133 What is the *use* of the *Iris* ?
- 134 What is the *use* of the *Sclerotic Coat* ?

## SECTION XXXI.

## OF THE ORGAN OF SMELL,

- 1 What is the ORGAN OF SMELL ?
- 2 Where is the ORGAN OF SMELL *situated* ?
- 3 What is the division of the ORGAN OF SMELL ?
- 4 What are the *external parts* of the Nose ?
- 5 What are the *internal parts* forming the Cavity of the  
Nose ?
- 6 By what Bones is the Nose formed ?
- 7 What are the *soft parts* of the Nose ?
- 8 How are the root and arch of the Nose formed ?

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Sect. XXXI.

ORGAN OF SMELL.

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Quest.

- 9 Of how many *Cartilages* does the inferior part of the external Nose consist?
- 10 What is the *situation* of the *Cartilages* of the Nose?
- 11 What is the *form* and *extent* of the Cavities of the Nose?

PITUITARY MEMBRANE.

- 12 How are the *internal Nares* lined?
- 13 What is the *use* of the PITUITARY MEMBRANE?
- 14 Where is the PITUITARY MEMBRANE *thickest*?

SINUSES.

- 15 What SINUSES open into the *internal Nares*?
- 16 Where do the frontal SINUSES open into the Nares?
- 17 Where do the Sphenoidal SINUSES open into the Nares?
- 18 Where do the Maxillary SINUSES open into the Nares?

DUCTUS INCISIVI.

- 19 What are the DUCTUS INCISIVI.
- 20 Where are the DUCTUS INCISIVI *situated*?
- 21 What is the *use* of the DUCTUS INCISIVI?

BLOOD VESSELS AND NERVES OF THE NOSE.

- 22 Whence is the *Nose* supplied with blood?
- 23 Whence are the Nerves of the Nose derived?

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Sect. XXXII. ORGAN OF HEARING.

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## SECTION XXXII.

## OF THE ORGAN OF HEARING.

Quest.

- 1 Where is the ORGAN OF HEARING *situated*?
- 2 How is the *Ear* generally *divided*?

## EXTERNAL EAR.

- 3 How is the EXTERNAL EAR *composed*?
- 4 Into what parts is the EXTERNAL EAR *divided*?

## PINNA.

- 5 What is the *situation* of the PINNA?
- 6 How is the PINNA *formed*?
- 7 What are the *elevations* on the PINNA?
- 8 What is the *situation* of the HELIX?
- 9 What is the *situation* of the ANTIHELIX?
- 10 What is the *situation* of the TRAGUS?
- 11 What is the *situation* of the ANTITRAGUS?
- 12 What are the *depressions* of the PINNA?
- 13 Where is the FOSSA NAVICULARIS *situated*?
- 14 Where is the FOSSA INNOMINATA *situated*?
- 15 Where is the CONCHA *situated*?
- 16 Where are the *Fissures* in the Cartilage of the PINNA *situated*?
- 17 What are the *Ligaments* of the PINNA?
- 18 What are the *Muscles* of the *external Ear*?



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Sect. XXXII. ORGAN OF HEARING.

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Quest.

- 19 What is the name of the *Glands* situated in the Integuments of the PINNA?

LOBULUS.

- 20 What is the *situation* of the LOBE of the Ear?  
 21 What is the *structure* of the LOBE of the Ear?

MEATUS AUDITORIUS EXTERNUS.

- 22 What is the *situation* of the MEATUS AUDITORIUS EXTERNUS?  
 23 What is the *direction* of the MEATUS EXTERNUS?  
 24 What is the general *length* of the MEATUS EXTERNUS?  
 25 Which of the portions of the MEATUS EXTERNUS is *widest*?  
 26 What is the form of the *bore* of the MEATUS EXTERNUS?  
 27 How is the MEATUS EXTERNUS *composed*?  
 28 Which of the *portions* of the MEATUS EXTERNUS is *longest*?  
 29 Where are the *Fissures* in the *Cartilage* of the MEATUS EXTERNUS?  
 30 What *Glands* are situated in the Cellular Membrane and Integuments lining the MEATUS EXTERNUS?  
 31 What is the *use* of the *Ceruminous Glands*?

NERVES, ARTERIES, AND VEINS OF THE EXTERNAL EAR.

- 32 Whence are the *Arteries* of the EXTERNAL EAR derived?

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*Sect. XXXII. ORGAN OF HEARING.*


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Quest.

33 Whither do the *Veins* of the EXTERNAL EAR pass ?

34 Whence are the *Nerves* of the EXTERNAL EAR derived ?

### INTERNAL EAR.

35 Into what parts is the INTERNAL EAR *divided* ?

### MEMBRANA TYMPANI.

36 What is the *situation* of the MEMBRANA TYMPANI ?

37 How is the MEMBRANA TYMPANI *fixed* ?

38 What is the *direction* of the MEMBRANA TYMPANI ?

39 Is the MEMBRANA TYMPANI convex or concave externally ?

40 How is the MEMBRANA TYMPANI *composed* ?

41 What Bone is *attached* to the inside of the MEMBRANA TYMPANI ?

### TYMPANUM.

42 Where is the Cavity of the TYMPANUM *situated* ?

43 What is the *form* of the Cavity of the TYMPANUM ?

44 What *openings* are there at the circumference of the TYMPANUM ?

45 By what is the Cavity of the TYMPANUM *lined* ?

46 What are the *contents* of the Cavity of the TYMPANUM ?

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Sect. XXXII. ORGAN OF HEARING.

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EUSTACHIAN TUBE.

Quest.

- 47 Where is the EUSTACHIAN TUBE *situated*?
- 48 Of what parts is the EUSTACHIAN TUBE composed?
- 49 What is the *situation* of the *bony part* of the EUSTACHIAN TUBE?
- 50 What is the *situation* of the *Cartilaginous* and *Membranous* parts of the *Eustachian Tube*?
- 51 Where is the EUSTACHIAN TUBE narrowest?
- 52 What is the *direction* of the EUSTACHIAN TUBE?
- 53 By what is the EUSTACHIAN TUBE *lined*?

MASTOID CELLS.

- 54 Into what part of the Tympanum do the MASTOID CELLS *open*?
- 55 Where are the MASTOID CELLS *situated*?
- 56 How are the MASTOID CELLS *lined*?
- 57 What do the MASTOID CELLS contain?

BONES OF THE EAR.

- 58 Enumerate the BONES OF THE EAR.
- 59 What is the *situation* of the BONES OF THE EAR?
- 60 In what *order* are the BONES OF THE EAR connected?

MALLEUS.

- 61 What is the *situation* of the MALLEUS?

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Sect. XXXII.      ORGAN OF HEARING.

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Quest.

62 What is the *form* of the MALLEUS?

63 What *Muscles* are attached to the MALLEUS?

INCUS.

64 What is the *situation* of the INCUS?

65 What is the *form* of the INCUS?

OS ORBICULARE.

66 What is the *size* of the OS ORBICULARE?

67 What is the *situation* of the OS ORBICULARE?

68 What is the *form* of the OS ORBICULARE?

STAPES.

69 What is the *situation* of the STAPES?

70 What is the *form* of the STAPES?

71 What is *situated* between the legs of the STAPES?

72 How is the *Membrane* fixed between the legs of the STAPES?

73 What *Muscle* is attached to the STAPES?

INNER SIDE OF THE TYMPANUM.

74 What is the *situation* of the *Fenestra Ovalis*?

75 What is fixed in the *Fenestra Ovalis*?

76 What is the *situation* of the *Fenestra Rotunda*?

77 What is the *form* of the *Fenestra Rotunda*?

Sect. XXXII.

ORGAN OF HEARING.

Quest.

- 78 Where is the *Promontory* of the Tympanum situated?
- 79 Where is the hollow bony *pyramid* of the Stapedius situated?
- 80 What direction does the *Fallopian Aqueduct* assume on the inner side of the Cavity of the Tympanum?
- 81 Where is the elevation of the External Semicircular Canal situated?

LABYRINTH.

- 82 How is the LABYRINTH of the Ear situated?
- 83 Of what parts does the LABYRINTH of the Ear consist?
- 84 What are the *contents* of the *Labyrinth* of the Ear?

VESTIBULUM.

- 85 What is the *situation* of the VESTIBULUM?
- 86 What is the *form* of the VESTIBULUM?
- 87 What *opening* is in the *external side* of the Vestibulum?
- 88 What are the *openings* on the *posterior side* of the Vestibulum?
- 89 What *opening* is at the *anterior side* of the Vestibulum?
- 90 What is the *direction* of the *Aqueduct* of the Vestibulum?
- 91 Where is the *external opening* of the *Aqueduct* of the Vestibulum?

SEMICIRCULAR CANALS.

- 92 What is the *situation* of the SEMICIRCULAR CANALS?

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 Sect. XXXII. ORGAN OF HEARING.
 

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Quest.

- 93 What is the *number* of the SEMICIRCULAR CANALS?
- 94 What are the *names* of the SEMICIRCULAR CANALS?
- 95 How many *openings* have the SEMICIRCULAR CANALS into the Vestibulum?
- 96 Why have the *three* SEMICIRCULAR CANALS only *five* openings?
- 97 What are the *Ampullæ* of the SEMICIRCULAR CANALS?
- 98 Where are the *Ampullæ* of the superior and posterior Canals situated?
- 99 Where is the *Ampulla* of the external Canal situated?

### COCHLEA.

- 100 What is the *situation* of the COCHLEA?
- 101 What is the *form* of the COCHLEA?
- 102 How many turns does the *Spiral Canal* of the COCHLEA make?
- 103 By what is the *Spiral Canal* of the COCHLEA divided into two?
- 104 What is the name of the two parts into which the Canal of the Cochlea is divided?
- 105 What is the *relative situation* of the SCALÆ?
- 106 Where is the *communication* of the SCALÆ situated?
- 107 What is the *pillar* round which the Cochlea winds denominated?
- 108 What is the *Infundibulum*?
- 109 What is the *situation* of the *Lamina Spiralis*?
- 110 By what does the *Lamina Spiralis* terminate?

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Sect. XXXII. ORGAN OF HEARING.

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Quest.

- 111 How do the Filaments of the Portio Mollis pass into the Sealæ?  
 112 Where are the branches of the Portio Mollis chiefly ramified?

MEATUS AUDITORIUS INTERNUS.

- 113 Where is the MEATUS AUDITORIUS INTERNUS situated?  
 114 What is the form of the MEATUS AUDITORIUS INTERNUS?  
 115 How are the Fossulæ distinguished at the bottom of the MEATUS AUDITORIUS INTERNUS?  
 116 By what are the Fossulæ of the MEATUS AUDITORIUS INTERNUS divided from each other?  
 117 Where are the contents of the MEATUS AUDITORIUS INTERNUS?  
 118 Where does the Fallopian Aqueduct commence?  
 119 What is the course of the Fallopian Aqueduct?  
 120 Where does the Fallopian Aqueduct terminate?  
 121 What passes through the Fallopian Aqueduct?  
 122 By what Nerves is the Portio Dura joined in the Fallopian Aqueduct?  
 123 Where is the Portio Dura joined by the Vidian Nerve?  
 124 Where is the Portio Dura joined by the Chorda Tympani?  
 125 What is the course of the Chorda Tympani?  
 126 How is the Portio Mollis distributed?

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Sect. XXXI<sup>L</sup>. OF THE MOUTH AND TASTE.

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## USE OF THE PARTS OF THE EAR.

Quest.

- 127 What is the *use* of the Pinna?
- 128 What is the *use* of the Meatus Auditorius Externus?
- 129 What is the *use* of the Membrana Tympani?
- 130 What is the *use* of the Muscles of the Internal Ear?
- 131 What is the *use* of the Eustachian Tube?
- 132 What is the *use* of the Ossicula Auditus?
- 133 What is the *use* of the Water in the Labyrinth?
- 134 What part is the immediate Organ of Hearing, *i. e.*  
that which perceives the impressions of sound?

## SECTION XXXIII.

## OF THE MOUTH, AND ORGAN OF TASTE.

- 1 What is meant by the Mouth?
- 2 What *Bones* contribute to the formation of the Mouth?
- 3 How is the Mouth generally *divided*?

## EXTERNAL PARTS OF THE MOUTH.

- 4 What are the *external parts* of the Mouth?
- 5 How are the *Cheeks* and *Lips* formed?
- 6 What is the *appearances* of the Edges of the *Lips*?
- 7 What are the *Commissures* of the Lips?
- 8 What is the *Fossula* of the Upper Lip?
- 9 What are the *Frena* of the Lips?



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Sect. XXXIII. OF THE MOUTH AND TASTE.

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INTERNAL PARTS OF THE MOUTH.

Quest.

10 What are the internal parts of the MOUTH ?

GUMS.

11 What is the *situation* of the GUMS ?

12 What is the *structure* of the substance of the GUMS ?

13 By what means do the GUMS *adhere* to the Alveolar Processes ?

14 By what Membrane are the GUMS *invested* ?

PALATE.

15 What is the *situation* of the PALATE ?

16 What is the *form* of the PALATE ?

17 Into what *parts* is the PALATE divided ?

18 Whether is the *hard* or *soft* part of the PALATE situated most anteriorly ?

19 By what *Membrane* is the PALATE covered ?

20 How is the soft portion of the PALATE formed ?

21 What is the shape of the Velum Pendulum Palati ?

22 To what part of the Velum Palati is the Uvula attached ?

23 What is the shape of the Uvula ?

24 What is the structure of the Uvula ?

25 What are the *arches* of the PALATE on each side of the Uvula ?

26 In what *direction* do the two *arches* on each side proceed from the Uvula ?

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*Sect. XXXIII. OF THE MOUTH AND TASTE.*

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Quest.

- 27 What is situated between the anterior and posterior arch of the PALATE on each side?

*TONGUE.*

- 28 Into what parts is the TONGUE *divided* ?  
 29 Of what is the TONGUE *composed* ?  
 30 By what Membrane is the TONGUE *invested* ?  
 31 What are the *Papillæ* of the TONGUE ?  
 32 How many *kinds* of *Papillæ* are observable upon the TONGUE ?  
 33 Where are the *Papillæ Capitatae* situated ?  
 34 What is the *form* of the *Papillæ Capitatae* ?  
 35 What is the *use* of the *Papillæ Capitatae* ?  
 36 Where are the *Papillæ Semilenticulares* situated ?  
 37 What is the *form* of the *Papillæ Semilenticulares* ?  
 38 Where are the *Papillæ Villosæ* ?  
 39 What is the *form* of the *Papillæ Villosæ* ?

*SALIVARY GLANDS.*

- 40 Enumerate the SALIVARY GLANDS ?  
 41 What other Glands contribute to augment the juices of the Mouth ?

*PAROTID GLANDS.*

- 42 Where are the PAROTID GLANDS situated ?  
 43 From what part of the PAROTID GLAND does its Duct proceed ?

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Sect. XXXIII. OF THE MOUTH AND TASTE.

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Quest.

44 What is the *course* of the PAROTID DUCT?

45 Where does the *Parotid Duct* open into the Mouth?

SUB-MAXILLARY GLANDS.

46 Where are the MAXILLARY GLANDS *situated*?

47 From what part of the MAXILLARY GLAND does its  
*Duct* proceed?

48 What is the *course* of the *Maxillary Duct*?

49 Where does the *Maxillary Duct* open into the Mouth?

SUBLINGUAL GLANDS.

50 Where are the SUBLINGUAL GLANDS *situated*?

51 Where do the Ducts of the SUBLINGUAL GLANDS *terminate*?

AMYGDALÆ.

52 Where are the AMYGDALÆ *situated*?

53 What is the *form* of the AMYGDALÆ?

54 What is the *structure* of the AMYGDALÆ?

55 What is the *use* of the AMYGDALÆ?

THYROID GLAND.

56 Where is the THYROID GLAND *situated*?

57 What is the *form* of the THYROID GLAND?

58 What is the *use* of the THYROID GLAND?

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*Sect. XXXIV. OF THE SKIN AND TOUCH.*

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## SECTION XXXIV.

## OF THE SKIN, AND OF THE ORGAN OF TOUCH.

Quest.

- 1 Of what parts do the INTEGUMENTS consist ?
- 2 What is the relative situation of the *Cuticle*, *Rete Mucosum*, and *Cutis* ?

## CUTIS.

- 3 What is the *structure* of the CUTIS ?
- 4 On what parts of the Body is the CUTIS *thickest* ?
- 5 What are the *Papillæ* of the Skin ?
- 6 On what parts of the Body are the *Papillæ* most prominent ?
- 7 In what *form* are the *Papillæ* arranged in the Palms of the Hands and Soles of the Feet ?
- 8 What is the *form* of the *Papillæ* of the red part of the Lips ?
- 9 Where is the *Sense of Touch* most acute ?
- 10 Where are the *Sebaceous Follicles* situated ?
- 11 Where are the *Sebaceous Follicles* most conspicuous ?
- 12 What is the use of the *Sebaceous Follicles* ?
- 13 What are the lesser *openings* in the CUTIS ?

## RETE MUCOSUM.

- 14 Where is the RETE MUCOSUM *situated* ?
- 15 What is the *colour* of the RETE MUCOSUM ?

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Sect. XXXIV. OF THE SKIN AND TOUCH.

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CUTICLE.

Quest.

- 16 Where is the CUTICLE *situated*?
- 17 On what parts of the Body is the CUTICLE *thickest*?
- 18 What openings are there in the CUTICLE?
- 19 What is the *structure* of the CUTICLE?

ADIPOSE SUBSTANCE.

- 20 Where is the ADIPOSE SUBSTANCE *situated*?
- 21 What parts of the Skin are free from ADIPOSE SUBSTANCE?
- 22 What is the *structure* of the ADIPOSE SUBSTANCE?
- 23 Where is its distinct *cellular structure* most remarkable?
- 24 What is the *use* of the ADIPOSE SUBSTANCE?

NAILS.

- 25 Of what are the NAILS a continuation?
- 26 How are the NAILS connected to the Cutis?
- 27 How are the NAILS connected to the CUTICLE?
- 28 What is the *situation* of the NAILS?
- 29 How are the NAILS formed?

HAIRS.

- 30 Where are the *Bulbs* of the HAIR situated?
- 31 What is the *structure* of the BULBS of the Hair?
- 32 How do the HAIRS pass from the Cutis?
- 33 What is the STRUCTURE of the Hair?

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Sect. XXXV. OF THE BRAIN IN GENERAL.

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## SECTION XXXV.

## OF THE BRAIN IN GENERAL, AND OF ITS MEMBRANES.

Quest.

- 1 Where is the BRAIN *situated*?
- 2 Into what portions is the BRAIN *divided*?
- 3 By what *Membranes* is the BRAIN enveloped?

## DURA MATER.

- 4 What is the *situation* of the DURA MATER?
- 5 How is the DURA MATER *composed*?
- 6 What are the *adhesions* of the external layer of the DURA MATER?
- 7 How does the *internal* differ from the *external layer* of the DURA MATER?
- 8 How are the *processes* of the DURA MATER formed?
- 9 What are the chief *processes* of the DURA MATER?
- 10 What are the *Sinuses* of the DURA MATER?

## FALX.

- 11 What is the *situation* of the FALX CEREBRI?
- 12 Where is the FALX CEREBRI *broadest*?
- 13 What portions of the Brain does the FALX CEREBRI separate?

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Sect. XXXV. OF THE BRAIN IN GENERAL.

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TENTORIUM.

Quest.

- 14 What is the *situation* of the TENTORIUM ?
- 15 Where is the TENTORIUM *broadest* ?
- 16 What portions of the Brain does the TENTORIUM *separate* ?
- 17 What is the form of the *Aperture* left by the TENTORIUM between the Cavity of the Cerebrum and that of the Cerebellum ?

FALX CEREBELLI.

- 18 Where is the FALX CEREBELLI *situated* ?
- 19 What portions of the Brain does the FALX CEREBELLI *separate* ?

SPHENOIDAL FOLDS.

- 20 Enumerate the SPHENOIDAL FOLDS of the Dura Mater.
- 21 What are the *uses* of the SPHENOIDAL FOLDS ?

ELONGATIONS OF THE DURA MATER.

- 22 What are the *Elongations* of the DURA MATER ?
- 23 Which are the chief *Elongations* of the DURA MATER ?

SINUSES OF THE DURA MATER.

- 24 What are the SINUSES of the Dura Mater ?
- 25 How are the SINUSES of the Dura Mater *formed* ?

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*Sect. XXXV. OF THE BRAIN IN GENERAL.*

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Quest.

- 26 What are the chief *Veins*, or *SINUSES*, of the Dura Mater ?\*

*ARTERIES AND NERVES OF THE DURA MATER.*

- 27 How are the *ARTERIES* of the DURA MATER distinguished ?
- 28 Whence are the *anterior* *ARTERIES* of the Dura Mater derived ?
- 29 Whence are the *middle* *ARTERIES* of the Dura Mater derived ?
- 30 Whence are the *posterior* *ARTERIES* of the Dura Mater derived ?
- 31 Whence are the *NERVES* of the Dura Mater derived ?

*PIA-MATER.\**

- 32 Where is the *PIA-MATER* situated ?
- 33 How is the *PIA-MATER* composed ?
- 34 What name is given to its *external layer* ?
- 35 How is the *external layer* of the *PIA-MATER*, or *Tunica Arachnoidal* expanded over the Brain ?
- 36 How is the *internal layer* of the *PIA-MATER* distributed ?
- 37 Which of the layers of the *PIA-MATER* is the most *Vascular* ?

\* The Sinuses of the Dura Mater are described in their proper place, along with the other Veins.



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Sect. XXXVI. OF THE CEREBRUM.

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SECTION XXXVI.

OF THE CEREBRUM.

Quest.

- 1 In what part of the Cavity of the *Cranium* is the CEREBRUM situated?
- 2 What is the *form* of the CEREBRUM?
- 3 How is the CEREBRUM divided?
- 4 Where are the *anterior lobes* of the CEREBRUM situated?
- 5 Where are the *middle lobes* of the CEREBRUM situated?
- 6 Where are the *posterior lobes* of the CEREBRUM situated?
- 7 How are the *anterior and middle lobes* of the CEREBRUM divided?
- 8 What is the appearance of the *surface* of the CEREBRUM?
- 9 What are the *Anfractuosities* of the *Brain*?
- 10 Of what *Substances* does the Cerebral Mass consist?
- 11 What is the situation of the *Cortical, or Cineritious Substance*?
- 12 What is the *colour* of the *Medullary Substance*?
- 13 What is the *situation* of the *Medullary Substance*?

CORPUS CALLOSUM.

- 14 Where is the CORPUS CALLOSUM situated?
- 15 By what Membrane is the surface of the CORPUS CALLOSUM covered?
- 16 What is seen on the *surface* of the CORPUS CALLOSUM?
- 17 What does the CORPUS CALLOSUM join on each side?

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Sect. XXXVI. OF THE CEREBRUM.

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Quest.

- 18 What names are given to the *Medullary Substance* of both Hemispheres, together with the CORPUS CALLOSUM?

LATERAL VENTRICLES.

- 19 Where are the LATERAL VENTRICLES *situated* ?  
 20 What is the *form* of the LATERAL VENTRICLES ?  
 21 What divides the LATERAL VENTRICLES from each other ?  
 22 To what bodies is the *Septum Lucidum* connected ?  
 23 How is the *Septum Lucidum* composed ?  
 24 What is the name of the *Cavity* situated between the laminae of the *Septum Lucidum* ?

FORNIX.

- 25 What is the *situation* of the FORNIX ?  
 26 What is the *form* of the FORNIX ?  
 27 What are the connections of the FORNIX ?  
 28 What are the continuations of the *angles* of the FORNIX called ?  
 29 What names do the *posterior pillars* of the FORNIX assume in the lower part of the Lateral Ventricles ?  
 30 How do the *anterior pillars* of the FORNIX terminate ?  
 31 What is the appearance of the *inferior surface* of the FORNIX ?  
 32 What name has been given to the *lines* on the *inferior surface* of the FORNIX ?

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*Sect. XXXVI. OF THE CEREBRUM.*

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*CHOROID PLEXUS.*

Quest.

- 33 What are the PLEXUS CHOROIDES?
- 34 What is the *situation* of the CHOROID PLEXUS in the lateral Ventricles?
- 35 How is the CHOROID PLEXUS *composed*?
- 36 What *parts* are exposed by the removal of the Fornix and Choroid Plexus?

*CORPORA STRIATA.*

- 37 What is the *situation* of the CORPORA STRIATA?
- 38 What is the *form* of the CORPORA STRIATA?
- 39 What parts of the CORPORA STRIATA are nearest each other?
- 40 What is the *internal structure* of the CORPORA STRIATA?

*THALAMI NERVORUM OPTICORUM.*

- 41 What is the *situation* of the THALAMI NERVORUM OPTICORUM?
- 42 What is the *figure* of the THALAMI NERVORUM OPTICORUM?
- 43 How are the THALAMI NERVORUM OPTICORUM *connected*?
- 44 What is the *Tænia Semicircularis*?

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Sect. XXXVI. OF THE CEREBRUM.

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Quest.

45 What is the *internal structure* of the THALAMI NERVORUM OPTICORUM?

PEDES HIPPOCAMPI.

46 What are the PEDES HIPPOCAMPI?

47 Where are the PEDES HIPPOCAMPI *situated*?

48 What is the *course* of the PEDES HIPPOCAMPI?

49 What is remarkable on the *inner edges* of the PEDES HIPPOCAMPI?

50 How do the PEDES HIPPOCAMPI terminate?

51 Of what are the PEDES HIPPOCAMPI *composed*?

HIPPOCAMPUS MINOR.

52 Where is the HIPPOCAMPUS MINOR *situated*?

53 What is the *form* of the HIPPOCAMPUS MINOR?

54 With what is the HIPPOCAMPUS MINOR *connected*?

PINEAL GLAND.

55 Where is the PINEAL GLAND *situated*?

56 What is the *form* of the PINEAL GLAND?

57 How is the PINEAL GLAND *connected*?

58 What is the *internal structure* of the PINEAL GLAND?

59 What is situated *below* the PINEAL GLAND?

60 What is the *posterior Commissure* of the Cerebrum?

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Sect. XXXVI. OF THE CEREBRUM.

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TUBERCULA QUADRIGEMINA.

Quest.

- 61 Where are the TUBERCULA QUADRIGEMINA *situated*?
- 62 What is the *form* of the TUBERCULA QUADRIGEMINA?
- 63 What is the *structure* of the TUBERCULA QUADRIGEMINA?

APERTURES IN THE LATERAL VENTRICLES.

- 64 What is the FORAMEN OF MONRO?
- 65 Where is the FORAMEN OF MONRO *situated*?
- 66 What is the FORAMEN COMMUNE ANTERIUS?
- 67 Where is the FORAMEN COMMUNE ANTERIUS *situated*?
- 68 What is the FORAMEN COMMUNE POSTERIUS?
- 69 Where is the FORAMEN COMMUNE POSTERIUS *situated*?

THIRD VENTRICLE.

- 70 Where is the THIRD VENTRICLE *situated*?
- 71 From what part of the THIRD VENTRICLE does the infundibulum proceed?
- 72 What is the *Infundibulum*?
- 73 From what part of the THIRD VENTRICLE does the *Itra-tertio-ad-quartum-ventriculum* proceed?
- 74 Where does the *Itra-a-tertio-ad-quartum-ventriculum* terminate?

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*Sect. XXXVII. OF THE CEREBELLUM.*

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*PITUITARY GLAND.*

Quest.

- 75 Where is the PITUITARY GLAND *situated* ?  
 76 What is the *form* of the PITUITARY GLAND ?  
 77 What is the *structure* of the PITUITARY GLAND ?

SECTION XXXVII.  
 OF THE CEREBELLUM.

- 1 Where is the CEREBELLUM *situated* ?  
 2 What is the *general form* of the CEREBELLUM ?  
 3 How is the CEREBELLUM *divided* ?  
 4 What is the *superficial appearance* of the CEREBELLUM ?  
 5 What is the *structure* of the CEREBELLUM ?  
 6 What is the appearance called *Arbor Vita* ?  
 7 What are the *external eminences* of the CEREBELLUM denominated ?  
 8 Where are the *Appendices Vermiformes* of the CEREBELLUM *situated* ?

*FOURTH VENTRICLE.*

- 9 Where is the FOURTH VENTRICLE *situated* ?  
 10 With what canal is the FOURTH VENTRICLE *anteriorly connected* ?  
 11 Where is the *Valvula-Vicusensii* *situated* ?  
 12 Where is the *Calamus Scriptorius* *situated* ?  
 13 Whence proceed the *Crura Cerebelli* ?

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Sect. XXXVIII. OF THE MEDULLA OBLONGATA.

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SECTION XXXVIII.

OF THE MEDULLA OBLONGATA.

Quest.

- 1 Where is the MEDULLA OBLONGATA *situated* ?
- 2 How is the MEDULLA OBLONGATA *composed* ?
- 3 What are the *Crura Cerebri* and *Cerebelli* ?
- 4 How does the MEDULLA OBLONGATA *terminate* posteriorly ?

PONS VAROLII.

- 5 Where is the PONS VAROLII *situated* ?
- 6 What is the *figure* of the PONS VAROLII ?
- 7 What is the *superficial appearance* of the PONS VAROLII ?

CORPORA OLIVARIA AND CORPORA PYRAMIDALIA.

- 8 What other *eminences* are there on the MEDULLA OBLONGATA ?
- 9 Where are the CORPORA PYRAMIDALIA *situated* ?
- 10 Where are the CORPORA OLIVARIA *situated* ?

CORPORA MAMMILLARIA.

- 11 Where are the CORPORA MAMMILLARIA *situated* ?
- 12 What relation do the CORPORA MAMMILLARIA bear to the Anterior Pillar of the Fornix ?

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Sect. XXXIX. OF THE MEDULLA SPINALIS.

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## SECTION XXXIX.

## OF THE MEDULLA SPINALIS.

Quest.

- 1 Whence may the MEDULLA SPINALIS be said to arise?
- 2 What is the *situation* of the MEDULLA SPINALIS?
- 3 By what Membranes is the MEDULLA SPINALIS *invested*?
- 4 What is the *form* of the SPINAL MARROW?
- 5 What is the internal structure of the SPINAL MARROW?
- 6 Where does the SPINAL MARROW *terminate*?

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ANGIOLOGY.

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## SECTION XL.

## OF THE ARTERIES IN GENERAL.

- 1 What are the ARTERIES?
- 2 How are the ARTERIES *distinguished* from the Veins?
- 3 How do the ARTERIES begin at the Heart?
- 4 What angles do the *Branches* form with their *Trunks*?
- 5 How do the ARTERIES *terminate*?
- 6 What is the structure of the ARTERIES?



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Sect. XL. OF THE ARTERIES IN GENERAL.

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OF THE PULMONARY ARTERY.

Quest.

- 7 From what part of the Heart does the PULMONARY ARTERY arise ?
- 8 What is the *course* of the PULMONARY ARTERY ?
- 9 How is the PULMONARY ARTERY *divided* ?
- 10 How are the *right* and *left* Pulmonary Arteries *distributed* ?
- 11 How does the *course* of the *right* Pulmonary Artery differ from that of the *left* ?
- 12 Whether is the *right* Pulmonary Artery the *longest* ?
- 13 How do the PULMONARY ARTERIES *terminate* in the Lungs ?

OF THE AORTA.

- 14 From what part of the Heart does the AORTA arise ?
- 15 Opposite to what Vertebra does the AORTA arise ?
- 16 What is the general *course* of the AORTA ?
- 17 What are the general *divisions* of the AORTA ?
- 18 What *parts* of the body are *supplied* with Blood from each of its *divisions* ?
- 19 What are the capital branches of the AORTA ?
- 20 What are the *smaller branches* of the AORTA ?
- 21 Which of the branches of the AORTA arise in pairs, and which of them *singly* ?
- 22 What are the first Arteries given off by the AORTA ?
- 23 What are the names of the *Branches* given from the *Arch* of the AORTA ?

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 Sect. XL. OF THE ARTERIES IN GENERAL.
 

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Quest.

- 24 What is the general course of the *Carotid Arteries* ?
- 25 How are the *Carotid Arteries* divided ?
- 26 How is the *External Carotid Artery* distributed ?
- 27 How is the *Internal Carotid Artery* distributed ?
- 28 Whither do the *Subclavian Arteries* pass ?
- 29 Where do the *Subclavian Arteries* terminate ?
- 30 What name do they assume in passing from the *Thorax* ?
- 31 What Arteries are given off from the *Thoracic Portion* of the descending *AORTA* ?
- 32 What Arteries are given off from the *abdominal Portion* of the descending *AORTA* ?
- 33 Whither do the *Phrenic Arteries* pass ?
- 34 Whither does the *Cæliac Artery* pass ?
- 35 Whither does the *superior Mesenteric Artery* pass ?
- 36 Whither do the *Emulgent Arteries* pass ?
- 37 Whither do the *Spermatic Arteries* pass ?
- 38 Whither does the *inferior Mesenteric Artery* pass ?
- 39 Whither do the *Lumbar Arteries* pass ?
- 40 Whither does the *Arteria Sacra Media* pass ?
- 41 How does the *AORTA* terminate ?
- 42 Whither do the *Iliac Arteries* pass ?
- 43 How are the *Iliac Arteries* divided ?
- 44 Whither does the *internal Iliac Artery* pass ?
- 45 Whither does the *external Iliac Artery* pass ?
- 46 Where does the *external Iliac Artery* terminate ?
- 47 What name does the *external Iliac Artery* assume on passing from the *Abdomen* ?

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Sect. XLI. ARTERIES OF THE HEART.

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SECTION XLI.

OF THE ARTERIES OF THE HEART.

Quest.

- 1 What is the *number* of the CORONARY ARTERIES?
- 2 Where do the CORONARY ARTERIES *arise*?
- 3 What is the *course* of the *right Coronary Artery*?
- 4 What is the *course* of the *left Coronary Artery*?

SECTION XLII.

OF THE ARTERIES OF THE HEAD.

- 1 What is the *number* of the CAROTID ARTERIES?
- 2 Where do the CAROTID ARTERIES *arise*?
- 3 What is the *course* of the CAROTID ARTERIES?
- 4 How are the CAROTID ARTERIES *divided*?
- 5 What is the *relative situation* of the *external* and *internal* CAROTID ARTERIES?

EXTERNAL CAROTID ARTERY.

- 6 What is the general *course* of the EXTERNAL CAROTID?
- 7 How many *Branches* proceed from the EXTERNAL CAROTID?
- 8 What are the names of the *Branches* of the EXTERNAL CAROTID?

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*Sect. XLII.**ARTERIES OF THE HEAD.*

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Quest.

- 9 Where does the SUPERIOR THYROIDAL Artery arise ?
- 10 What is the *course and distribution* of the SUPERIOR THYROIDAL Artery ?
- 11 Where does the LINGUAL Artery *arise* ?
- 12 What is the *course and distribution* of the LINGUAL Artery ?
- 13 Where does the EXTERNAL MAXILLARY Artery *arise* ?
- 14 What is the *course and distribution* of the EXTERNAL MAXILLARY Artery ?
- 15 Where does the ASCENDING PHARYNGEAL Artery *arise* ?
- 16 What is the *course and distribution* of the ASCENDING PHARYNGEAL ?
- 17 Where does the OCCIPITAL Artery *arise* ?
- 18 What is the *course and distribution* of the OCCIPITAL Artery ?
- 19 Where does the POSTERIOR AURIS *arise* ?
- 20 What is the *course and distribution* of the POSTERIOR AURIS ?
- 21 Where does the TRANSVERSE FACIAL *arise* ?
- 22 What is the *course and distribution* of the TRANSVERSE FACIAL ?
- 23 Where does the TEMPORAL Artery *arise* ?
- 24 What is the *course and distribution* of the TEMPORAL Artery ?
- 25 Where does the INTERNAL MAXILLARY Artery *arise* ?
- 26 What is the *course and distribution* of the INTERNAL MAXILLARY Artery ?

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*Sect. XLIII. ARTERIES OF THE UPPER EXTREMITIES.*

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*INTERNAL CAROTID ARTERY.*

Quest.

- 27 What is the *general course* of the INTERNAL CAROTID Artery?
- 28 Enumerate the Branches of the Internal Carotid?
- 29 How is the Arteria ANTERIOR CEREBRI of the Internal Carotid distributed?
- 30 How is the Arteria MEDIA CEREBRI of the Internal Carotid distributed?\*

SECTION XLIII.

ARTERIES OF THE UPPER EXTREMITIES.

*SUBCLAVIAN ARTERIES.*

- 1 What is the *number* of the SUBCLAVIAN Arteries?
- 2 Where do the SUBCLAVIAN Arteries *arise*?
- 3 In what *direction* do the SUBCLAVIAN Arteries run?
- 4 Where do the SUBCLAVIAN Arteries change their name?
- 5 Which of the SUBCLAVIAN Arteries is *shortest* and runs most obliquely?
- 6 Enumerate the *Branches* of the SUBCLAVIAN Artery?
- 7 Where does the VERTEBRAL Artery *arise*?
- 8 What is the *course* and *distribution* of the VERTEBRAL Artery?
- 9 What is the *Circulus Arteriosus*?

\* The Vertebral Arteries are described as branches of the Subclavian.

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*Sect. XLIII. ARTERIES OF THE UPPER EXTREMITIES.*


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Quest.

- 10 Where does the INTERNAL MAMMARY Artery arise ?
- 11 What is the *course* and *distribution* of the INTERNAL MAMMARY Artery ?
- 12 Where does the CERVICAL Artery arise ?
- 13 What is the *course* and *distribution* of the CERVICAL Artery ?
- 14 Where does the SUPERIOR INTERCOSTAL Artery arise ?
- 15 What is the *course* and *distribution* of the SUPERIOR INTERCOSTAL Artery ?
- 16 Where does the INFERIOR THYROIDAL Artery arise ?
- 17 What is the *course* and *distribution* of the INFERIOR THYROIDAL Artery ?
- 18 Where does the SUPRA SCAPULAR Artery arise ?
- 19 What is the *course* and *distribution* of the SUPRA SCAPULAR Artery ?

### AXILLARY ARTERIES.

- 20 Where do the AXILLARY ARTERIES *commence* ?
- 21 Where do the AXILLARY ARTERIES *terminate* ?
- 22 Enumerate the *Branches* of the AXILLARY ARTERY ?
- 23 How many EXTERNAL MAMMARY Arteries are there ?
- 24 Where does the SUPERIOR MAMMARY Artery arise ?
- 25 What is the *course* and *distribution* of the SUPERIOR MAMMARY Artery ?
- 26 Where does the INFERIOR MAMMARY Artery arise ?
- 27 What is the *course* and *distribution* of the INFERIOR MAMMARY Artery ?
- 28 Where does the INFRA-SCAPULAR Artery arise ?

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*Sect. XLIII. ARTERIES OF THE UPPER EXTREMITIES.*

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Quest.

- 29 What is the *course* and *distribution* of the INFRA-SCAPULAR Artery?
- 30 What is the *course* and *distribution* of the ANTERIOR CIRCUMFLEX Artery?
- 31 Where does the POSTERIOR CIRCUMFLEX Artery arise?
- 32 What is the *course* and *distribution* of the POSTERIOR CIRCUMFLEX Artery?
- 33 Where does the BRACHIAL Artery *commence*?
- 34 What is the *course* of the BRACHIAL Artery?
- 35 What *Branches* are given off by the BRACHIAL Artery above the bend of the Arm?
- 36 What is the *situation* of the BRACHIAL Artery in the bend of the Arm?
- 37 How does the BRACHIAL Artery *terminate*?
- 38 What is the general *course* of the ULNAR Artery?
- 39 What are the chief *Branches* given off by the ULNAR Artery before it reaches the Wrist?
- 40 What is the *course* and *distribution* of the Ulnar Recurrent?
- 41 Where is the ANTERIOR INTEROSSEOUS Artery given off?
- 42 What is the *course* and *distribution* of the ANTERIOR INTEROSSEOUS Artery?
- 43 Where is the POSTERIOR INTEROSSEOUS Artery given off?
- 44 What is the *course* and *distribution* of the POSTERIOR INTEROSSEOUS Artery?
- 45 What is the *course* of the SUPERFICIAL PALMAR ARCH?
- 46 What *Branches* are given off from the SUPERFICIAL PALMAR ARCH?

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*Sect. XLIV. OF THE THORACIC ARTERIES.*

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Quest.

- 47 What is the *course* and *distribution* of the ULNARIS PROFUNDA?
- 48 What is the *course* and *distribution* of the DIGITAL ARTERIES?
- 49 How does the SUPERFICIAL PALMAR ARCH *terminate*?
- 50 What is the general *course* of the RADIAL Artery?
- 51 What *Branches* are given off by the RADIAL before it reaches the Wrist?
- 52 What *Branches* does the RADIAL Artery give off at the Wrist?
- 53 How does the RADIAL Artery form the deep *Palmar Arch*?
- 54 What is the *course* of the ARCUS PROFUNDUS?
- 55 What *Branches* are given off from the DEEP PALMAR ARCH?

SECTION XLIV.

OF THE THORACIC ARTERIES.

- 1 Enumerate the Arteries arising from the Superior Portion of the descending Aorta.
- 2 Where do the BRONCHIAL Arteries *arise*?
- 3 What is the *course* and *distribution* of the BRONCHIAL Arteries?
- 4 Where do the CESOPHAGEAL Arteries arise?
- 5 Where do the INTERCOSTAL Arteries arise?
- 6 What is the *course* and *distribution* of the INTERCOSTAL Arteries?



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Sect. XLV. OF THE ABDOMINAL ARTERIES.

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SECTION XLV.

OF THE ABDOMINAL ARTERIES.

Quest.

- 1 Enumerate the *Arteries* given off from the *Inferior Portion* of the descending Aorta.
- 2 Where do the PHRENIC Arteries arise?
- 3 What is the *course* and *distribution* of the PHRENIC Arteries?
- 4 Where does the CÆLIAC Artery arise?
- 5 What are the chief *Branches* of the CÆLIAC Artery?
- 6 What is the *course* and *distribution* of the CORONARY Artery of the Stomach?
- 7 What is the *course* and *distribution* of the HEPATIC Artery?
- 8 What is the *course* and *distribution* of the SPLENIC Artery?
- 9 Where does the SUPERIOR MESENTERIC Artery arise?
- 10 What is the *course* and *distribution* of the SUPERIOR MESENTERIC Artery?
- 11 Where does the INFERIOR MESENTERIC Artery arise?
- 12 What is the *course* and *distribution* of the INFERIOR MESENTERIC Artery?
- 13 Where do the EMULGENT Arteries arise?
- 14 What is the *course* and *distribution* of the EMULGENT Arteries.
- 15 Where do the CAPSULAR Arteries arise?

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*Sect. XLVI. OF THE PELVIC ARTERIES.*

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Quest.

- 16 What is the *course* and *distribution* of the CAPSULAR Arteries?
- 17 Where do the SPERMATIC Arteries *arise*?
- 18 What is the *course* and *distribution* of the SPERMATIC Arteries?
- 19 Where do the LUMBAR Arteries *arise*?
- 20 What is the *course* and *distribution* of the LUMBAR Arteries?
- 21 Where does the SACRAL Artery *arise*?
- 22 What is the *course* and *distribution* of the SACRAL Artery?

SECTION XLVI.

OF THE PELVIC ARTERIES.

- 1 What Arteries proceed from the *termination* of the Aorta?
- 2 What is the *course* of the RIGHT ILIAC Artery?
- 3 What is the *course* of the LEFT ILIAC Artery?
- 4 How are the ILIAC Arteries *divided*?
- 5 What is the *course* of the Trunk of the INTERNAL ILIAC?
- 6 What are the chief *Branches* given off from the INTERNAL ILIAC?
- 7 Where does the LESSER ILIAC Artery *arise*?
- 8 What is the *course* and *distribution* of the LESSER ILIAC Artery?
- 9 Where does the GLUTEAL Artery *arise*?

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Sect. XLVI. OF THE PELVIC ARTERIES.

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Quest.

- 10 What is the *course* and *distribution* of the GLUTEAL Artery?
- 11 Where does the SCIATIC Artery arise?
- 12 What is the *course* and *distribution* of the SCIATIC Artery?
- 13 Where does the PUDIC Artery arise?
- 14 What is the *course* and *distribution* of the PUDIC Artery?
- 15 Where does the OBTURATOR Artery arise?
- 16 What is the *course* and *distribution* of the OBTURATOR Artery?
- 17 Where does the UMBILICAL Artery arise?
- 18 What is the *course* and *distribution* of the UMBILICAL Artery?
- 19 What is the *course* of the EXTERNAL ILIAC Artery?
- 20 What *Branches* are given off from the EXTERNAL ILIAC Artery?
- 21 Where does the EPIGASTRIC Artery arise?
- 22 What is the *course* and *distribution* of the EPIGASTRIC Artery?
- 23 Where does the CIRCUMFLEXA ILII arise?
- 24 What is the *course* and *distribution* of the CIRCUMFLEXA ILII?

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*Sect. XLVII. ARTERIES OF THE LOWER EXTREMITIES.*

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## SECTION XLVII.

## OF THE ARTERIES OF THE LOWER EXTREMITIES.

Quest.

- 1 Where does the FEMORAL Artery *commence*?
- 2 What is the *course* of the FEMORAL Artery?
- 3 What *Branches* are given off by the FEMORAL Artery in the Groin?
- 4 Where does the PROFUNDA FEMORIS *arise*?
- 5 What is the *course* and *distribution* of the PROFUNDA?
- 6 What name does the FEMORAL Artery assume in the *Ham*?
- 7 What *Branches* are given off from the POPLITEAL Artery?
- 8 How does the POPLITEAL Artery *terminate*?
- 9 What is the *course* of the ANTERIOR TIBIAL Artery?
- 10 How is the ANTERIOR TIBIAL Artery *distributed*?
- 11 What is the *course* of the POSTERIOR TIBIAL Artery?
- 12 How is the POSTERIOR TIBIAL Artery *distributed*?
- 13 What is the *course* and *distribution* of the EXTERNAL PLANTAR Artery?
- 14 What is the *course* and *distribution* of the INTERNAL PLANTAR Artery?
- 15 What is the *course* and *distribution* of the FIBULAR Artery?

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Sect. XLVIII. OF THE VEINS IN GENERAL.

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SECTION XLVIII.

OF THE VEINS IN GENERAL.

Quest.

- 1 What are the VEINS?
- 2 How may the VEINS be *distinguished* from the Arteries?
- 3 Where do the VEINS begin?
- 4 How are the VEINS *distributed*?
- 5 What proportion do the VEINS bear to the Arteries?
- 6 What is the *structure* of the VEINS?
- 7 What are the *Valves* of the VEINS?
- 8 How are the *Valves* disposed?
- 9 What Veins are without *Valves*?
- 10 What is the *use* of the *Valves*?
- 11 How many principal *Veinal Trunks* are there?
- 12 Enumerate the *Veinal Trunks*.
- 13 What are the VEINS peculiar to the *Heart*?

SECTION XLIX.

THE SUPERIOR CAVA.

- 1 Where does the SUPERIOR CAVA *arise*?
- 2 How does the SUPERIOR CAVA *terminate*?
- 3 What Veins does the SUPERIOR CAVA *receive*?
- 4 What is the VENA AZYGOS?

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 Sect. L. VEINS OF THE HEAD AND NECK.
 

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Quest.

- 5 What is the course of the VENA AZYGOS?
- 6 What Veins does the RIGHT SUBCLAVIAN receive?
- 7 What is peculiar to the LEFT SUBCLAVIAN?
- 8 What is the AXILLARY VEIN?

### SECTION L.

#### OF THE VEINS OF THE HEAD AND NECK.

- 1 How is the EXTERNAL JUGULAR Vein *formed*?
- 2 Where does the EXTERNAL JUGULAR Vein *terminate*?
- 3 How is the INTERNAL JUGULAR Vein *formed*?
- 4 What are the chief SINUSES of the Dura Mater?
- 5 Where is the CAVERNOUS SINUS *situated*?
- 6 Whence does the CAVERNOUS SINUS receive its blood?
- 7 Where is the CIRCULAR SINUS *situated*?
- 8 Where are the SUPERIOR PETROSAL SINUSES *situated*?
- 9 Whence do the SUPERIOR PETROSAL SINUSES receive their blood?
- 10 Where is the INFERIOR PETROSAL SINUS *situated*?
- 11 Whence does the INFERIOR PETROSAL SINUS receive its blood?
- 12 Where is the OCCIPITAL SINUS *situated*?
- 13 Whence does the OCCIPITAL SINUS receive its blood?
- 14 Where is the INFERIOR LONGITUDINAL SINUS *situated*?
- 15 Where is the TORCULAR HEROPHILI *situated*?
- 16 Whence does the TORCULAR HEROPHILI receive its blood?

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Sect. LI. VEINS OF THE UPPER EXTREMITIES.

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Quest.

- 17 Where is the SUPERIOR LONGITUDINAL SINUS situated?
- 18 Where are the LATERAL SINUSES situated?
- 19 Whence do the LATERAL SINUSES receive their blood?
- 20 Where do the LATERAL SINUSES receive the name of  
*Internal Jugular Veins*?
- 21 What is the *course* of the INTERNAL JUGULAR Veins?
- 22 Where do the INTERNAL JUGULAR Veins *terminate*?
- 23 What is the *course* of the VERTEBRAL VEIN?
- 24 Whence does the VERTEBRAL VEIN receive its blood?
- 25 Where does the VERTEBRAL VEIN *terminate*?

SECTION LI.

OF THE VEINS OF THE UPPER EXTREMITIES.

- 1 How are the VEINS OF THE EXTREMITIES classed?
- 2 What is the *situation* of the *Deep-seated Veins*?
- 3 What are the *names* of the *Deep-seated Veins* of the  
upper Extremities?
- 4 What is the *situation* of the *Superficial Veins*?
- 5 What are the *names* of the *Superficial Veins* of the up-  
per Extremities?
- 6 What is the *situation* of the CEPHALIC VEIN?
- 7 What *branches* does the CEPHALIC Vein receive?
- 8 Where does the CEPHALIC Vein *terminate*?
- 9 What is the *situation* of the BASILIC Vein?
- 10 What are the chief *branches* which the BASILIC Vein  
receives?

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Sect. III.      OF THE INFERIOR CAVA.

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Quest.

- 11 Where does the BASILIC Vein *terminate* ?
- 12 What is the *situation* of the MEDIAN Vein ?
- 13 How does the MEDIAN Vein *terminate* ?
- 14 What is the chief *branch* which joins the MEDIAN Vein ?

SECTION LII.

OF THE INFERIOR CAVA.

- 1 What is the *origin* of the INFERIOR CAVA ?
- 2 What is the *course* of the INFERIOR CAVA ?
- 3 What *Veins* are received by the INFERIOR CAVA ?
- 4 Where do the *Hepatic Veins* enter the INFERIOR CAVA ?
- 5 What is the *course* of the EMULGENT VEINS ?
- 6 What are the *terminations* of the SPERMATIC VEINS ?
- 7 What is the *course* of the PRIMITIVE ILIAC VEINS ?
- 8 Into what *branches* do the PRIMITIVE ILIACS divide ?
- 9 What *Veins* does the INTERNAL ILIAC receive ?
- 10 What *Veins* does the EXTERNAL ILIAC receive ?

SECTION LIII.

OF THE VEINS OF THE LOWER EXTREMITIES.

- 1 How are the VEINS OF THE LOWER EXTREMITIES arranged ?
- 2 What are the *Deep-seated Veins* of the lower Extremity ?



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Sect. LIV.      OF THE VENA PORTÆ.

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Quest.

- 3 What are the *Superficial Veins* of the lower Extremity?
- 4 What is the *situation* of the SAPHENA MAJOR?
- 5 What *branches* does the SAPHENA MAJOR receive in its course?
- 6 Where does the SAPHENA MAJOR *terminate*?
- 7 What is the *course* of the SAPHENA MINOR?
- 8 Where does the SAPHENA MINOR *terminate*?

SECTION LIV.

OF THE VENA PORTÆ.

- 1 What is the VENA PORTÆ?
- 2 What is the *Vena Portæ Abdominalis*?
- 3 What is the *Vena Portæ Hepatica*?
- 4 Where is the Trunk of the VENA PORTÆ *situated*?
- 5 How is the Trunk of the VENA PORTÆ *formed*?
- 6 Whence does the *Vena Meseraica Major* derive its blood?
- 7 What Veins does the Splenic receive?
- 8 Whence does the *Vena Meseraica Minor*, or Hæmorrhoidalis Interna, derive its blood?
- 9 What *lesser Veins* join the Trunk of the VENA PORTÆ?

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 Sect. LV. OF THE ABSORBENT SYSTEM.
 

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## SECTION LV.

## OF THE ABSORBENT SYSTEM IN GENERAL.

Quest.

- 1 What are the ABSORBENTS?
- 2 What *division* has been made of the ABSORBENTS?
- 3 What difference is there betwixt the LACTEALS and LYMPHATICS?
- 4 How do the ABSORBENTS begin?
- 5 What is the general *course* of the ABSORBENTS?
- 6 How do the ABSORBENTS *terminate*?
- 7 What is the THORACIC DUCT?
- 8 What is the *structure* of the ABSORBENTS?
- 9 How many *coats* have the ABSORBENTS?
- 10 How is the *Cuticular Coat* disposed?
- 11 What are the LYMPHATIC GLANDS?
- 12 Where are the LYMPHATIC GLANDS *situated*?
- 13 What are the *Vasa Inferentia*, and the *Vasa Effferentia*?
- 14 What is the *structure* of the LYMPHATIC GLANDS?

## SECTION LVI.

## OF THE LYMPHATICS OF THE HEAD AND NECK.

- 1 How are the Lymphatics of the Head and Neck classed?
- 2 What is the *course* of the FACIAL Lymphatics?
- 3 What is the *course* of the TEMPORAL Lymphatics?
- 4 What is the *course* of the OCCIPITAL Lymphatics?

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*Sect. LVII. LYMPHATICS OF THE UPP. EXTREMITIES.*

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Quest.

- 5 What is the *course* of the THYROIDAL Lymphatics?
- 6 Are there any Lymphatics of the *Brain* ?

SECTION LVII.

OF THE LYMPHATICS OF THE UPPER EXTREMITIES.

- 1 What is the *course* of the SUPERFICIAL LYMPHATICS of the upper Extremities?
- 2 What is the *course* of the DEEP-SEATED LYMPHATICS of the upper Extremities?
- 3 How do the LYMPHATICS of the upper Extremities *terminate* ?
- 4 Where does the *left* AXILLARY Lymphatic Trunk *terminate* ?
- 5 Where does the *right* AXILLARY Lymphatic Trunk *terminate* ?

SECTION LVIII.

OF THE LYMPHATICS OF THE LOWER EXTREMITIES.

- 1 What is the *course* of the SUPERFICIAL LYMPHATICS of the lower Extremities?

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Sect. LIX.      LYMPHATICS OF THE TRUNK.

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Quest.

- 2 What is the *course* of the DEEP-SEATED LYMPHATICS of the lower Extremities?

SECTION LIX.

OF THE LYMPHATICS OF THE TRUNK.

- 1 Describe briefly the LYMPHATICS OF THE PELVIS?  
2 Describe briefly the LYMPHATICS OF THE ABDOMEN?  
3 Describe briefly the LYMPHATICS OF THE THORAX?

SECTION LX.

OF THE LACTEAL SAC AND DUCT.

- 1 Where is the LACTEAL SAC *situated*?  
2 What is the *form* of the LACTEAL SAC?  
3 In what does the LACTEAL SAC *terminate*?  
4 What is the *course* of the THORACIC DUCT?  
5 Where does the THORACIC DUCT *terminate*?  
6 How is the *Orifice* of the THORACIC DUCT *protected*?

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*Sect. LXI. OF THE NERVES IN GENERAL.*

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## NEUROLOGY.

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SECTION LXI.

## OF THE NERVES IN GENERAL.

Quest.

- 1 What are the NERVES?
- 2 From what parts do the NERVES take their origin?
- 3 What is the general *course* and *distribution* of the NERVES?
- 4 What communications have the different NERVES with each other?
- 5 What is the *structure* of the NERVES?
- 6 What are the *coverings* of the NERVES?
- 7 How are the NERVES nourished?
- 8 What is the *structure* of the GANGLIONS?
- 9 How are the NERVES classed?
- 10 How do the *Cerebral Nerves* pass out of the Cranium?
- 11 How do the *Spinal Nerves* pass out of the Vertebral Canal?
- 12 Enumerate the *Cerebral Nerves*?
- 13 How are the *Spinal Nerves* divided?

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Sect. LXII. OF THE CEREBRAL NERVES.

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## SECTION LXII.

## OF THE CEREBRAL NERVES.

## FIRST PAIR.

Quest.

- 1 Whence do the OLFACTORY Nerves *arise*?
- 2 What is their *course* within the Cranium?
- 3 How do the OLFACTORY Nerves pass out of the Cranium?
- 4 What is the *distribution* of the OLFACTORY Nerves?
- 5 What are the *communications* of the OLFACTORY with other Nerves?

## SECOND PAIR.

- 6 Whence do the OPTIC Nerves *arise*?
- 7 What is the *course* of the OPTIC Nerves within the Cranium?
- 8 How do the OPTIC Nerves pass out of the Cranium?
- 9 What is the *distribution* of the OPTIC Nerves?

## THIRD PAIR.

- 10 Whence do the MOTORES OCULORUM *arise*?
- 11 What is the *course* of the MOTORES OCULORUM within the Cranium?

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Sect. LXII. OF THE CEREBRAL NERVES.

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Quest.

- 12 How do the *MOTORES OCULORUM* pass out of the Cranium?
- 13 Enumerate the *branches* of the *MOTORES OCULORUM*?
- 14 What is the course and distribution of the *Ciliary Plexus*?

FOURTH PAIR.

- 15 Whence do the *PATHETICI* arise?
- 16 What is the *course* of the *PATHETICI* within the Cranium?
- 17 Where do the *PATHETICI* pass out of the Cranium?
- 18 What is the *distribution* of the *PATHETICI*?

FIFTH PAIR.

- 19 Whence arise the *TRIGEMINI*?
- 20 What is the *course* of the *TRIGEMINI* within the Cranium?
- 21 What are the *branches* of the *TRIGEMINI*?
- 22 How does the *Ophthalmic Branch* pass out of the Cranium?
- 23 How does the *Superior Maxillary Branch* pass out of the Cranium?
- 24 How does the *Inferior Maxillary Branch* pass out of the Cranium?
- 25 What is the distribution of the *Rami* of the *Ophthalmic Branch*?
- 26 What is the distribution of the *Rami* of the *Superior Maxillary Branch*?

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*Sect. LXII. OF THE CEREBRAL NERVES.*


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Quest.

- 27 What is the distribution of the *Rami* of the *Inferior Maxillary Branch*?

*SIXTH PAIR.*

- 28 Whence *arise* the *MOTORES EXTERNI*?
- 29 What is the *course* of the *MOTORES EXTERNI* within the *Cranium*?
- 30 How does the *MOTORES EXTERNI* pass out of the *Cranium*?
- 31 What is the *distribution* of the *MOTORES EXTERNI*?

*SEVENTH PAIR.*

- 32 Whence *arise* the *AUDITORY NERVES*?
- 33 What is the *course* of the *AUDITORY NERVES* within the *Cranium*?
- 34 Of what *portions* do the *AUDITORY NERVES* consist?
- 35 What is the *relative situation* of the two *Portions* of which it consists?
- 36 What is the *distribution* of the *PORTIO MOLLIS*?
- 37 How does the *PORTIO DURA* pass out of the *Cranium*?
- 38 What *Filaments* does the *PORTIO DURA* give off within the *Fallopian Aqueduct*?
- 39 What great *branches* does the *PORTIO DURA* give off in its emerging from the *Foramen Stylo-Mastoideum*?
- 40 With what *Nerves* does the *PORTIO DURA* communicate?



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*Sect. LXII. OF THE CEREBRAL VEINS.*

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*EIGHTH PAIR.*

Quest.

- 41 Whence does the EIGHTH PAIR of Nerves *arise*?
- 42 Of what *portions* does the EIGHTH PAIR consist?
- 43 How does the EIGHTH PAIR of Nerves pass out of the Cranium?
- 44 Where is the EIGHTH PAIR joined by the Nervus Accessorius?
- 45 What is the *course* and *distribution* of the NERVUS ACCESSORIUS?
- 46 How is the *Glosso-Pharyngeal* Nerve distributed?
- 47 What is the situation of the PAR VAGUM in its passage from the Head to the Chest?
- 48 What are the first *branches* which the PAR VAGUM gives off?
- 49 How does the PAR VAGUM enter the Thorax?
- 50 Where is the RECURRENT Nerve given off?
- 51 What is the *course* and *distribution* of the RECURRENT Nerve?
- 52 What is the *course* and *distribution* of the rest of the PAR VAGUM?

*NINTH PAIR.*

- 53 Whence *arise* the NINTH PAIR of Nerves?
- 54 How does the NINTH PAIR of Nerves make its exit from the Cranium?

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*Sect. LXIII. VERTEBRAL NERVES IN GENERAL.*

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Quest.

- 55 To what Nerves do the NINTH PAIR *adhere* on their exit from the Cranium?
- 56 What is the *course* of the NINTH PAIR toward the Tongue?
- 57 What *branches* does the NINTH PAIR give off in its course toward the Tongue?
- 58 How is the *Descendens Noni* distributed?

*TENTH PAIR.*

- 59 Where do the SUBOCCIPITAL PAIR *arise*?
- 60 How do the SUBOCCIPITAL PAIR make their exit from the Cranium?
- 61 What *branches* are given off by the SUBOCCIPITAL PAIR?

SECTION LXIII.

OF THE VERTEBRAL NERVES IN GENERAL.

- 1 In what manner do the VERTEBRAL NERVES *arise* from the Medulla-Spinalis.
- 2 How do the VERTEBRAL NERVES pass from the Canal of the Spine?
- 3 How are the two Fasciculi of the VERTEBRAL NERVES *connected* on their exit from the Spine?
- 4 How many *Pairs* are there of SPINAL NERVES?
- 5 How are the SPINAL NERVES *divided*?

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Sect. LXIV. OF THE CERVICAL NERVES.

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SECTION LXIV.

OF THE CERVICAL NERVES.

FIRST PAIR.

Quest.

- 1 How does the FIRST PAIR of Cervical Nerves make its *exit* ?
- 2 How is the anterior branch of the First Pair of CERVICAL NERVES *distributed* ?
- 3 How is the posterior branch of the FIRST PAIR of Cervical Nerves *distributed* ?

SECOND PAIR.

- 4 Where does the SECOND PAIR of Cervical Nerves make its *exit* ?
- 5 How is the anterior branch of the SECOND PAIR of Cervical Nerves *distributed* ?
- 6 What is the distribution of the posterior branch of the SECOND PAIR of Cervical Nerves ?

THIRD PAIR.

- 7 Where does the THIRD CERVICAL PAIR pass from the Vertebral Canal ?

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*Sect. LXV. OF THE BRACHIAL NERVES.*

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Quest.

- 8 How is the anterior branch of the THIRD CERVICAL PAIR distributed?
- 9 What is the *distribution* of the posterior branch of the THIRD PAIR of Cervical Nerves?

*DIAPHRAGMATIC NERVE.*

- 10 How is the DIAPHRAGMATIC Nerve *formed*?
- 11 What is the *course* of the DIAPHRAGMATIC Nerve?
- 12 In what does the *course* of the *right* DIAPHRAGMATIC Nerve differ from that of the *left*?
- 13 How is the DIAPHRAGMATIC Nerve *distributed*?

*FOURTH, FIFTH, SIXTH, AND SEVENTH PAIRS.*

- 14 How do the LAST FOUR PAIRS of Cervical Nerves pass to the Neck?
- 15 How are their *posterior branches* distributed?
- 16 How are their *anterior branches* distributed?

SECTION LXV.

OF THE BRACHIAL NERVES.

- 1 What is the AXILLARY PLEXUS?
- 2 How is the AXILLARY PLEXUS constructed?
- 3 Whence do the BRACHIAL NERVES *arise*?
- 4 What are the *names* of the BRACHIAL NERVES?

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Sect. LXVI. OF THE DORSAL NERVES.

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Quest.

- 5 From what *part* of the Great Plexus do the BRACHIAL NERVES generally arise?
- 6 Where does the SCAPULAR Nerve arise?
- 7 What is the *course* and *distribution* of the SCAPULAR Nerve?
- 8 Where do the THORACIC NERVES arise?
- 9 What is the *course* and *distribution* of the THORACIC NERVES?
- 10 What is the *course* and *distribution* of the MUSCULO-CUTANEOUS Nerve?
- 11 What is the *course* and *distribution* of the MEDIAN NERVE?
- 12 What is the *course* and *distribution* of the CUBITAL NERVE?
- 13 What is the *course* and *distribution* of the INTERNAL CUTANEOUS Nerve?
- 14 What is the *course* and *distribution* of the RADIAL NERVE?
- 15 What is the *course* and *distribution* of the AXILLARY NERVE?

SECTION LXVI.

OF THE DORSAL NERVES.

- 1 Of how many *Pairs* do the DORSAL NERVES consist?
- 2 How do the DORSAL NERVES pass from the Vertebral Canal?

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*Sect. LXVII. OF THE LUMBAR NERVES.*

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Quest.

- 3 How do they resemble each other in their *distribution*?
- 4 How are the *posterior branches* of the DORSAL NERVES distributed?
- 5 How are the *anterior branches* of the DORSAL NERVES distributed?
- 6 To the formation of what Nerves do the FIRST DORSAL Pair *contribute*?
- 7 How are the INTERCOSTO-HUMERAL NERVES *formed*?
- 8 How are the lowest FIVE DORSAL NERVES *distributed*?

SECTION LXVII.

OF THE LUMBAR NERVES.

- 1 Of how many pairs do the LUMBAR NERVES consist?
- 2 What is the general *course* and *distribution* of the LUMBAR NERVES?

FIRST PAIR.

- 3 What is the *course* and *distribution* of the FIRST LUMBAR PAIR?

SECOND PAIR.

- 4 What is the *course* and *distribution* of the SECOND LUMBAR PAIR?

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Sect. LXVIII. OF THE SACRAL NERVES.

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THIRD PAIR.

Quest.

- 5 What is the *course* and *distribution* of the THIRD LUMBAR PAIR ?

FOURTH PAIR.

- 6 What is the *course* and *distribution* of the FOURTH LUMBAR PAIR ?

FIFTH PAIR.

- 7 What is the *course* and *distribution* of the FIFTH LUMBAR PAIR ?

OBTURATOR NERVE.

- 8 What is the *origin* of the OBTURATOR NERVE ?  
 9 What is the *course* and *distribution* of the OBTURATOR NERVE ?

SECTION LXVIII.

OF THE SACRAL NERVES.

- 1 Of how many pairs do the SACRAL NERVES consist ?  
 2 How are the SACRAL NERVES distributed ?

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*Sect. LXIX. OF THE CRURAL AND SCIATIC NERVES.*

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Quest.

- 3 What relation do they bear to each other in *size*?
- 4 Which of them form the SCIATIC PLEXUS?
- 5 What are the *Branches* proceeding from the SCIATIC PLEXUS?
- 6 How are the *two last Pairs* of the SACRAL NERVES *distributed*?

SECTION LXIX.

OF THE CRURAL AND SCIATIC NERVES.

CRURAL NERVE.

- 1 How is the CRURAL NERVE *formed*?
- 2 How does the CRURAL NERVE pass out of the Abdomen?
- 3 How is the CRURAL NERVE situated with regard to the Artery and Vein in its passage from the Abdomen?
- 4 What is the *course* and *distribution* of the CRURAL NERVE?

SCIATIC NERVE.

- 5 How is the GREAT SCIATIC NERVE *formed*?
- 6 How does the GREAT SCIATIC Nerve *pass out* of the Pelvis?
- 7 What Branches does the SCIATIC NERVE give off in its passage to the Ham?



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*Sect. LXX. OF THE GREAT SYMPATHETIC NERVE.*

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Quest.

- 8 What is the *course* and *distribution* of the POPLITEAL NERVE?
- 9 What is the *course* of the TIBIAL NERVE?
- 10 What is the *distribution* of the TIBIAL NERVE?
- 11 What is the *course* and *distribution* of the INTERNAL PLANTAR NERVE?
- 12 What is the *course* and *distribution* of the EXTERNAL PLANTAR NERVE?
- 13 What is the *course* and *distribution* of the FIBULAR NERVE?

SECTION LXX.

OF THE GREAT SYMPATHETIC NERVE.

- 1 What is the general *situation* of the GREAT SYMPATHETIC Nerve?
- 2 What is the origin of the GREAT SYMPATHETIC NERVE?
- 3 What is the general arrangement of the GREAT SYMPATHETIC Nerve?
- 4 How are the *Ganglia* of the SYMPATHETIC divided?
- 5 How many *Cervical Ganglia* are there?
- 6 What is the *form* and *situation* of the *First*, or *Superior Cervical Ganglion*?
- 7 What Branches join the *Superior Cervical Ganglion*?
- 8 What are the *communications* which the descending Trunk of the GREAT SYMPATHETIC forms in the Neck?

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*Sect. IXX. OF THE GREAT SYMPATHETIC NERVE.*

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Quest.

- 9 What are the Branches given off by the *Middle Cervical Ganglion*?
- 10 Where is the *Inferior Cervical Ganglion* situated?
- 11 What Branches does the *Inferior Cervical Ganglion* give and receive?
- 12 Where does the GREAT SYMPATHETIC form the *First Dorsal Ganglion*?
- 13 How are the *Inferior Cervical*, and *First Dorsal Ganglia* connected?
- 14 How is the *Cardiac Plexus* formed?
- 15 What is the *course* of the GREAT SYMPATHETIC Trunk as it descends in the Thorax?
- 16 Where are its DORSAL GANGLIA *situated*?
- 17 With what Nerves do the DORSAL GANGLIA regularly communicate?
- 18 What *Branches* does the GREAT SYMPATHETIC give off about the middle of the Thorax?
- 19 Where does the SPLANCHNIC NERVE perforate the Diaphragm?
- 20 Where does the GREAT SYMPATHETIC NERVE form the *Semilunar Ganglion*?
- 21 What are the connections and branches of the SEMILUNAR *Ganglion*?
- 22 To what parts is the CÆLIAC PLEXUS distributed?
- 23 To what parts is the HEPATIC PLEXUS distributed?
- 24 To what parts is the SPLENIC PLEXUS distributed?
- 25 To what parts is the RENAL PLEXUS distributed?
- 26 To what parts is the SUPERIOR MESENTERIC PLEXUS distributed?

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*Sect. LXX. OF THE GREAT SYMPATHETIC NERVE.*

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Quest.

- 27 To what parts is the INFERIOR MESENTERIC PLEXUS distributed?
- 28 To what parts is the HYPOGASTRIC PLEXUS distributed?
- 29 To what parts is the SPERMATIC PLEXUS distributed?
- 30 How is the Trunk of the GREAT SYMPATHETIC disposed of after having detached the five branches which form the *Splanchnic* Nerve?
- 31 What filaments do the *Lumbar Ganglia* receive from the Lumbar Nerves?
- 32 With what Nerves do the *Sacral Ganglia* communicate?
- 33 How do the GREAT SYMPATHETIC NERVES terminate?
- 34 What filaments proceed from the Arch in which the SYMPATHETIC NERVES terminate?

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 PECULIARITIES OF THE FEMALE.
 

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 APPENDIX.
 

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 PECULIARITIES OF THE FEMALE.
 

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Quest.

- 1 What is peculiar in the FEMALE SKELETON?
- 2 What is remarkable in the INTEGUMENTS of the Female?
- 3 What are the most *important Peculiarities* of the Female?
- 4 What is the *situation* of the MAMMÆ?
- 5 What is the *size* of the MAMMÆ?
- 6 Of what *parts* do the MAMMÆ consist?
- 7 What are the PAPILLÆ, or NIPPLES?
- 8 What is the *structure* of the NIPPLE?
- 9 What is the *structure* of the AREOLA?
- 10 What is the *structure* of the Body of the MAMMA?
- 11 What is the *use* of the MAMMÆ?

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 PECULIARITIES OF THE FÆTUS.
 

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- 1 What is peculiar to the *Bones* of the FÆTUS?
- 2 What is remarkable in the *Adipose Substance* of the FÆTUS?

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PECULIARITIES OF THE FÆTUS.

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Quest.

- 3 What is remarkable in the *Brain* and *Nerves* of the FÆTUS?
- 4 What is peculiar in the *Eye* of the FÆTUS?
- 5 What is peculiar in the *Glandular System* of the FÆTUS?
- 6 How is the *Testicle* situated in the FÆTUS?
- 7 What are the *parts* peculiar to the FÆTAL CIRCULATION?
- 8 Describe the *Foramen Ovale*.
- 9 Describe the *Canalis Arteriosus*.
- 10 Describe the *Canalis Venosus*.
- 11 What is the course of the *Umbilical Vein*?
- 12 What is the course of the *Umbilical Arteries*?
- 13 How is the *Umbilical Cord* formed?
- 14 Describe the course of the FÆTAL CIRCULATION?

END OF VOL. FIRST.

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